MARK A. SULLIVAN III

EDUCATION Expected May 2010 Massachusetts Institute of Technology, Cambridge, MA Expected May 2010 Bristol Community College, Fall River, MA Spring 2004-Fall 2005 Programming for Game Designers I/II, Electronic Game Development I, Computer Game Level Building, Visual Concepts for Game Designers June 2006 Bishop Stang High School, North Dartmouth, MA June 2006 EMPLOYMENT/RESEARCH EXPERIENCE Summer 2004-2006 Chizens for Chizens After School Day Care Summer 2005 Bischemistry Research investigating antioxidant properties of a compound found in cranberries Summer 2007-Spring 2009 COMPUTER SKILLS Languages - C++ - Two semesters at Bristol Community College, UROP Spring 2004 / Fall 2004, Fall 2007-Spring 2008 C +HT 6.270 January 2009 Spring 2007 January 2009 Scheme - MIT 6.00 January-Spring 2008 Python - UROP, MIT 6.034 Summer 2008 Python - UROP, MIT 6.05 January-Spring 2008 Python - UROP, MIT 6.034 Summer 2008 Symware Proficiency - Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skills Summer 2005 - For biochemistry rese	Massachusetts Institute of Technology 450 Memorial Drive Cambridge, MA 02139	(508) 642-3137 marks3@mit.edu
Bristo Community College, Fall River, MA Spring 2004-Fall 2005 Programming for Game Designers I/II, Electronic Game Development I, Computer Game Level Building, Visual Concepts for Game Designers June 2006 EMPLOYMENT/RESEARCH EXPERIENCE Summer 2004-2006 University of Massachusetts Dartmouth, MA June 2006 EMPLOYMENT/RESEARCH EXPERIENCE Summer 2004-2006 University of Massachusetts Dartmouth Summer 2005 Bichenmistry Research investigating antioxidant properties of a compound found in cranberries Summer 2007-Spring 2009 COMPUTER SKILLS Summer 2007-Spring 2009 Computer 6,00 Spring 2004 / Fall 2004, Fall 2004, Fall 2007-Spring 2008 C - MIT 6,70 January 2009 Scheme - MIT 6,00 Spring 2007 Java - MIT 6,370, 6,005 January 2009 Scheme - MIT 6,01 Fall 2007-Spring 2008 Verilog - MIT 6,111 Fall 2008 HTML - Independent Summer 2008 Software Proficiency - Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skills AWARDS AND RECOGNITIONS Summer 2005 Siemens-Westinghouse Regional Finalist Summer 2006 <t< td=""><td></td><td></td></t<>		
Computer Game Level Building, Visual Concepts for Game Designers Bishop Stang High School, North Dartmouth, MA June 2006 EMPLOYMENT/RESEARCH EXPERIENCE Citizens for Citizens After School Day Care Summer 2004-2006 University of Massachusetts Dartmouth Summer 2005 - Biochemistry Research investigating antioxidant properties of a compound found in cranberries Singapore-MIT GAMBIT Games Lab Summer 2007-Spring 2009 COMPUTER SKILLS Languages - C++ - Two semesters at Bristol Community College, UROP Spring 2004 / Fall 2004, Fall 2007-Spring 2008 C - MIT 6.270 January 2009 Scheme - MIT 6.00 Spring 2007 January 2009 Scheme - MIT 6.00 Spring 2007 January 2009 Scheme - MIT 6.101 Fall 2007-Spring 2008 Python - UROP, MIT 6.034 Summer 2008 Verilog - MIT 6.111 TML - Independent Software Proficiency - Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skills AWARDS AND RECOGNITIONS Siemens-Westinghouse Regional Finalist Summer 2005 - For biochemistry research on cranberries High School 5: Excellence and Innovation Award for pursuit of science Fall 2005 Highest Individual Score - Southeastern Massachusetts Conference Mathematics League Spring 2006 Rank 3/ 195 in graduating high school class Summer 2006 First place in MIT Autonomous Robotics Competition (6.270) January 2009 Best Code Design Award (6.270) January 2009 MIT COURSES 3.091 - Introduction to Solid State Chemistry Fall 2006 8.012 - Physics - Mechanics S104 - Single Variable Calculus 21L.003 - Reading Fiction 8.02A - Muit Variable Calculus 21L.003 - Reading Fiction	Bristol Community College, Fall River, MA	
Citizens for Citizens After School Day CareSummer 2004-2006University of Massachusetts DartmouthSummer 2005- Biochemistry Research investigating antioxidant properties of a compound found in cranberriesSummer 2007-Spring 2009COMPUTER SKILLS Languages -Summer 2007-Spring 2009C++ - Two semesters at Bristol Community College, UROPSpring 2004 / Fall 2004, Fall 2007-Spring 2008C - MIT 6.270January 2009Scheme - MIT 6.00Spring 2007Java - MIT 6.370, 6.005January 2009Veritop - MIT 6.111Fall 2008TTM - IndependentSummer 2008Software Proficiency - Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skillsAWARDS AND RECOGNITIONSSummer 2005Siemens-Westinghouse Regional FinalistSummer 2005- For biochemistry research on cranberriesSummer 2006First place in MIT Autonomous Roboties Competition (6.270)January 2009Bast Code Design Award (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSESSummer 20063.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsSummer 2006 <td>Computer Game Level Building, Visual Concepts for Game Designers</td> <td>June 2006</td>	Computer Game Level Building, Visual Concepts for Game Designers	June 2006
University of Massachusetts Dartmouth Summer 2005 - Biochemistry Research investigating antioxidant properties of a compound found in crahberries Singapore-MIT GAMBIT Games Lab Summer 2007-Spring 2009 COMPUTER SKILLS Languages - C++ - Two semesters at Bristol Community College, UROP Spring 2004 / Fall 2004, Fall 2007-Spring 2008 C - MIT 6.270 January 2009 Scheme - MIT 6.00 Spring 2007 Java - MIT 6.370, 6.005 January-Spring 2008 Verilog - MIT 6.01 Spring 2007 Java - MIT 6.034 Summer 2008 Verilog - MIT 6.111 Fall 2008 HTML - Independent Software Proficiency - Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skills AWARDS AND RECOGNITIONS Siemens-Westinghouse Regional Finalist Summer 2005 - For biochemistry research on cranberries High School's Excellence and Innovation Award for pursuit of science Fall 2005 Highest Individual Score – Southeastern Massachusetts Conference Mathematics League Spring 2006 Rank 3 / 195 in graduating high school class Summer 2006 First place in MIT Autonomous Robotics Competition (6.270) January 2009 Best Code Design Award (6.270) January 2009 Best Code Design Award (6.270) January 2009 MIT COURSES 3.091 - Introduction to Solid State Chemistry 8.012 - Physics - Mechanics 18.01A - Single Variable Calculus 21L.003 - Reading Fiction 18.02A - Multi Variable Calculus IAP 2007 6.001 - Structure and Interpretation of Computer Programs Spring 2007	EMPLOYMENT/RESEARCH EXPERIENCE	
- Biochemistry Research investigating antioxidant properties of a compound found in cranberries Singapore-MIT GAMBIT Games Lab Summer 2007-Spring 2009 COMPUTER SKILLS Languages - C++ - Two semesters at Bristol Community College, UROP Spring 2004 / Fall 2004, Fall 2007-Spring 2008 C - MIT 6.270 January 2009 Scheme - MIT 6.00 Spring 2007 Java - MIT 6.370, 6.005 January-Spring 2008 Python - UROP, MIT 6.034 Summer 2008 Verilog - MIT 6.011 Fall 2007 HTML - Independent Software Proficiency - Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Drearweaver), and other basic skills AWARDS AND RECOGNITIONS Siemens-Westinghouse Regional Finalist Summer 2005 - For biochemistry research on cranberries Highs School's Excellence and Innovation Award for pursuit of science Fall 2005 First place in MIT Autonomous Robotics Competition (6.270) January 2009 Best Code Design Award (6.270) January 2009 Best Code Design Award (6.270) January 2009 MIT COURSES 3.091 - Introduction to Solid State Chemistry 8.101 A - Single Variable Calculus 2.11_003 - Reading Fiction 18.02A - Multi Variable Calculus 2.11_003 - Reading Fiction		
Singapore-MIT GAMBIT Games LabSummer 2007-Spring 2009COMPUTER SKILLS Languages - C++ - Two semesters at Bristol Community College, UROPSpring 2004 / Fall 2004, Fall 2007-Spring 2008C - MIT 6.270January 2009Scheme - MIT 6.00Spring 2007Java - MIT 6.370, 6.005January-Spring 2008Verilog - MIT 6.111Fall 2008HTML - IndependentSummer 2008Software Proficiency - Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skillsAWARDS AND RECOGNITIONS Siemens-Westinghouse Regional FinalistSummer 2005- For biochemistry research on cranberriesFall 2005Highest Individual Score - Southeastern Massachusetts Conference Mathematics League Spring 2006Summer 2006Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSES 8.012 - Physics - MechanicsFall 20068.012 - Physics - MechanicsFall 20068.013 - Physics - MechanicsFall 20068.014 - Single Variable CalculusIAP 20078.017 - Physics - MechanicsSummer 20068.017 - Physics - MechanicsSummer 20068.018 - Physics - MechanicsSummer 20068.019 - Physics - MechanicsSummer 20078.010 - Single Variable CalculusIAP 20078.010 - Single Variable CalculusIAP 2007	- Biochemistry Research investigating antioxidant properties of a compound	Summer 2005
Languages -C++ - Two semesters at Bristol Community College, UROPSpring 2004 / Fall 2004, Fall 2007-Spring 2008C - MIT 6.270January 2009Scheme - MIT 6.00Spring 2007Java - MIT 6.370, 6.005January-Spring 2008Python - UROP, MIT 6.034Summer 2008Verilog - MIT 6.11Fall 2008HTML - IndependentSaftware Proficiency -Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skillsAWARDS AND RECOGNITIONSSummer 2005Siemens-Westinghouse Regional FinalistSummer 2005- For biochemistry research on cranberriesFall 2005High School's Excellence and Innovation Award for pursuit of scienceFall 2005Highest Individual Score – Southeastern Massachusetts Conference Mathematics League Spring 2006Summer 2006Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSESSall 2.0068.012 - Physics - MechanicsFall 20068.013 - Single Variable CalculusFall 20068.014 - Single Variable CalculusIAP 20078.024 - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007		Summer 2007-Spring 2009
C++ - Two semesters at Bristol Community College, UROPSpring 2004 / Fall 2004, Fall 2007-Spring 2008C - MIT 6.270January 2009Scheme - MIT 6.00Spring 2007Java - MIT 6.370, 6.005January-Spring 2008Python - UROP, MIT 6.034Summer 2008Verilog - MIT 6.111Fall 2008HTML - Independent Software Proficiency -Fall 2008Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skillsAWARDS AND RECOGNITIONSSummer 2005Siemens-Westinghouse Regional FinalistSummer 2005- For biochemistry research on cranberriesFall 2005Highs School's Excellence and Innovation Award for pursuit of scienceFall 2005Highs chool 's Excellence and Innovation Award for pursuit of scienceFall 2005First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSES 3.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsIanuary 20098.012 - Physics - MechanicsIanuary 20098.012 - Physics - MechanicsIanuary 20078.012 - Physics - MechanicsIAP 20078.014 - Single Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007	COMPUTER SKILLS	
Fall 2007-Spring 2008C - MIT 6.270January 2009Scheme - MIT 6.00Spring 2007Java - MIT 6.370, 6.005January-Spring 2008Python - UROP, MIT 6.034Summer 2008Verilog - MIT 6.111Fall 2008HTTML - IndependentSoftware Proficiency -Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (ReactionEngine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skillsAWARDS AND RECOGNITIONSSiemens-Westinghouse Regional FinalistSummer 2005- For biochemistry research on cranberriesHigh School's Excellence and Innovation Award for pursuit of scienceFall 2005Highest Individual Score – Southeastern Massachusetts Conference Mathematics League Spring 2006Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSESSumer 20063.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsFall 20068.013 - Single Variable Calculus1AP 200711.003 - Reading Fiction1AP 20078.024 - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007	Languages -	
Scheme - MIT 6.00Spring 2007Java - MIT 6.370, 6.005January-Spring 2008Python - UROP, MIT 6.034Summer 2008Verilog - MIT 6.111Fall 2008HTML - IndependentFall 2008Software Proficiency -Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (ReactionEngine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skillsAWARDS AND RECOGNITIONSSiemens-Westinghouse Regional FinalistSummer 2005- For biochemistry research on cranberriesHigh School's Excellence and Innovation Award for pursuit of scienceFall 2005Highest Individual Score – Southeastern Massachusetts Conference Mathematics League Spring 2006Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009MIT COURSESSummer 20063.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsImage Variable Calculus21L.003 - Reading FictionImage Variable Calculus18.02A - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007		Fall 2007-Spring 2008
Java - MIT 6.370, 6.005 January-Spring 2008 Python - UROP, MIT 6.034 Summer 2008 Verilog - MIT 6.111 Fall 2008 HTML - Independent Software Proficiency - Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skills AWARDS AND RECOGNITIONS Siemens-Westinghouse Regional Finalist Summer 2005 - For biochemistry research on cranberries High School's Excellence and Innovation Award for pursuit of science Fall 2005 Highest Individual Score – Southeastern Massachusetts Conference Mathematics League Spring 2006 Rank 3 / 195 in graduating high school class Summer 2006 First place in MIT Autonomous Robotics Competition (6.270) January 2009 Best Code Design Award (6.270) January 2009 MIT COURSES 3.091 - Introduction to Solid State Chemistry Fall 2006 8.012 - Physics - Mechanics 18.01A - Single Variable Calculus 21L.003 - Reading Fiction 18.02A - Multi Variable Calculus 21L.003 - Reading Fiction 18.02A - Multi Variable Calculus 21L.003 - Structure and Interpretation of Computer Programs Spring 2007		
Python - UROP, MIT 6.034Summer 2008Verilog - MIT 6.111Fall 2008HTML - IndependentSoftware Proficiency -Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (ReactionEngine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skillsAWARDS AND RECOGNITIONSSiemens-Westinghouse Regional FinalistSummer 2005- For biochemistry research on cranberriesHigh School's Excellence and Innovation Award for pursuit of scienceFall 2005Highest Individual Score - Southeastern Massachusetts Conference Mathematics League Spring 2006Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSESSummer 20068.012 - Physics - MechanicsFall 20068.012 - Physics - MechanicsFall 20068.012 - Physics - MechanicsIAP 20078.003 - Reading FictionIAP 20078.004 - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007		
Verilog - MIT 6.111Fall 2008HTML - IndependentSoftware Proficiency -Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (ReactionEngine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skillsAWARDS AND RECOGNITIONSSiemens-Westinghouse Regional FinalistSummer 2005- For biochemistry research on cranberriesHigh School's Excellence and Innovation Award for pursuit of scienceFall 2005Highest Individual Score - Southeastern Massachusetts Conference Mathematics LeagueSpring 2006Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSESS3.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsFall 200618.02A - Multi Variable CalculusIAP 200711.003 - Reading FictionIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007		
Software Proficiency - Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skills AWARDS AND RECOGNITIONS Siemens-Westinghouse Regional Finalist Summer 2005 - For biochemistry research on cranberries High School's Excellence and Innovation Award for pursuit of science Fall 2005 Highest Individual Score – Southeastern Massachusetts Conference Mathematics League Spring 2006 Rank 3 / 195 in graduating high school class Summer 2006 First place in MIT Autonomous Robotics Competition (6.270) January 2009 Best Code Design Award (6.270) January 2009 MIT COURSES Sall 2006 8.012 - Physics - Mechanics Fall 2006 8.012 - Physics - Mechanics IAP 2007 8.013 - Reading Fiction IAP 2007 18.02A - Multi Variable Calculus IAP 2007 6.001 - Structure and Interpretation of Computer Programs Spring 2007		
Image Editing (Photoshop), 3D Modeling (GMAX/3DSMAX), IDEs (Visual Studio, Eclipse), Game Engines (Reaction Engine, Source Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skillsAWARDS AND RECOGNITIONSSummer 2005Siemens-Westinghouse Regional FinalistSummer 2005- For biochemistry research on cranberriesFall 2005High School's Excellence and Innovation Award for pursuit of scienceFall 2005Highest Individual Score – Southeastern Massachusetts Conference Mathematics LeagueSpring 2006Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSESSall 20063.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsFall 200618.01A - Single Variable CalculusIAP 200721L.003 - Reading FictionIAP 20078.02A - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007		
Engine, Playground, Panda3D), Physics Engine (ODE), Web Pages (Dreamweaver), and other basic skillsAWARDS AND RECOGNITIONSSummer 2005Siemens-Westinghouse Regional FinalistSummer 2005- For biochemistry research on cranberriesFall 2005High School's Excellence and Innovation Award for pursuit of scienceFall 2005Highest Individual Score – Southeastern Massachusetts Conference Mathematics LeagueSpring 2006Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSESSummer 20063.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsFall 200618.01A - Single Variable CalculusIAP 200721L.003 - Reading FictionIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007		
Siemens-Westinghouse Regional FinalistSummer 2005- For biochemistry research on cranberriesFall 2005High School's Excellence and Innovation Award for pursuit of scienceFall 2005Highest Individual Score – Southeastern Massachusetts Conference Mathematics LeagueSpring 2006Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSESJanuary 20093.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsFall 200618.01A - Single Variable CalculusIAP 200721L.003 - Reading FictionIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007		
 For biochemistry research on cranberries High School's Excellence and Innovation Award for pursuit of science Fall 2005 Highest Individual Score – Southeastern Massachusetts Conference Mathematics League Spring 2006 Rank 3 / 195 in graduating high school class Summer 2006 First place in MIT Autonomous Robotics Competition (6.270) January 2009 Best Code Design Award (6.270) January 2009 MIT COURSES 3.091 - Introduction to Solid State Chemistry Salogian - Single Variable Calculus 21L.003 - Reading Fiction IAP 2007 6.001 - Structure and Interpretation of Computer Programs 	AWARDS AND RECOGNITIONS	
High School's Excellence and Innovation Award for pursuit of scienceFall 2005Highest Individual Score – Southeastern Massachusetts Conference Mathematics LeagueSpring 2006Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSESJanuary 20093.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsFall 200618.01A - Single Variable CalculusIAP 200721L.003 - Reading FictionIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007		Summer 2005
Highest Individual Score – Southeastern Massachusetts Conference Mathematics LeagueSpring 2006Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSESSummer 20063.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsFall 200618.01A - Single Variable CalculusIAP 200718.02A - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007	•	Fall 2005
Rank 3 / 195 in graduating high school classSummer 2006First place in MIT Autonomous Robotics Competition (6.270)January 2009Best Code Design Award (6.270)January 2009MIT COURSES3.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - Mechanics18.01A - Single Variable CalculusFall 200621L.003 - Reading Fiction1AP 2007IAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007		
Best Code Design Award (6.270)January 2009MIT COURSESFall 20063.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsFall 200618.01A - Single Variable CalculusIAP 200721L.003 - Reading FictionIAP 200718.02A - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007		1 0
MIT COURSES3.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - MechanicsFall 200618.01A - Single Variable CalculusInterpretation21L.003 - Reading FictionIAP 200718.02A - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007	First place in MIT Autonomous Robotics Competition (6.270)	January 2009
3.091 - Introduction to Solid State ChemistryFall 20068.012 - Physics - Mechanics18.01A - Single Variable Calculus18.01A - Single Variable Calculus18.02A - Multi Variable Calculus18.02A - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007	Best Code Design Award (6.270)	January 2009
8.012 - Physics - Mechanics18.01A - Single Variable Calculus21L.003 - Reading Fiction18.02A - Multi Variable Calculus6.001 - Structure and Interpretation of Computer ProgramsSpring 2007		
18.01A - Single Variable Calculus21L.003 - Reading Fiction18.02A - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007	•	Fall 2006
21L.003 - Reading FictionIAP 200718.02A - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007	•	
18.02A - Multi Variable CalculusIAP 20076.001 - Structure and Interpretation of Computer ProgramsSpring 2007		
	•	IAP 2007
8.022 - Physics - Electricity and Magnetism	· · ·	Spring 2007
18.03 - Differential Equations		

18.03 - Differential Equations 21.017 - The Art of the Probable

6.002 - Circuits and Electronics	Fall 2007
6.042 - Mathematics for Computer Science	
8.03 - Physics - Vibrations and Waves	
3.986 - The Human Past: Introduction to Archaeology	
6.370 - Battlecode	January 2008
6.003 - Signals and Systems	Spring 2008
6.004 - Computation Structures	
6.005 - Elements of Software Construction	
14.01 - Principles of Microeconomics	
6.034 - Artificial Intelligence	Fall 2008
6.111 - Introductory Digital Systems Laboratory	
8.04 - Quantum Physics I	
14.02 - Principles Macroeconomics	
6.270 – Autonomous Robot Design Competition	January 2009

SOFTWARE PROJECTS

Text-based adventure role-playing game (C++) 2D "Asteroids" Game (C++ with Reaction Engine) 3D Space Shooter (C++ with Reaction Engine) 2D "Star Wars" Game (Game Developer Tool – Game Maker) Blind-accessible Flash Game – Audiodyssey Half-Life 2 Mod – Gunplay Playground Engine Game – Neurotrance Panda3D/ODE Game – Moki Combat 2D Wireframe Game Implemented in Hardware – Vertex Artificial Intelligence for MIT 6.270 Autonomous Robot

LINKS

Work at Singapore-MIT GAMBIT Games Lab <u>http://gambit.mit.edu/credits/developers.php#msullivan</u>

Vertex – Game designed at the hardware level http://web.mit.edu/6.111/www/f2008/index.html

6.270 Autonomous Lego Robotics Competition <u>http://web.mit.edu/kpyapsir/www/</u>

January 2009 Spring 2004 Fall 2004 Fall 2004 Summer 2005 Summer 2007 Fall 2007/January 2008 Spring 2008 Summer 2008-January 2009 Fall 2009

January 2009