William Oursler

Present Address: 229 Vassar Street Cambridge, MA 02139

woursler@gmail.com 541-601-8295

Education

Massachusetts Institute of Technology 2011 - 2015

Majors: 6 (Electrical Engineering and Computer Science) and 18 (Mathematics)

Notable Classes (Taken or Currently Enrolled): 6.02 (Digital Communication Systems), 6.004 (Computation Structures), 6.002 (Circuits & Electronics), 8.022 (Electricity & Magnetism), 18.03 (Differential Equations), 18.06 (Linear Algebra), 18.100B (Analysis)

St. Mary's High School 2007 - 2011

GPA: 3.93; 2290

Work Experience

UROP Student Locomotion Lab (MIT CSAIL) Fall 2011 - Present

Cambridge, MA

Tech Consulting & Web Design Rogue Valley Dermatology Fall 2007 - Present

Medford, OR

Volunteer Exhibit Interpreter ScienceWorks Hands-On Museum Fall 2007 - Spring 2011

Ashland, OR

Computer Skills

C++ Proficient with Visual Studio (5 years of high-school classes). Implemented a kerneled Hough Transform module and GLUT GUI for my 3D scanner project.

Java CSAIL UROP requires work on the source of Yobotics Simulation Construction Set, written in Java. Scored a 5 (Highest score) on the Java Bases AP Computer Science A test.

Python Familiar with tkinter, numpy, and matplotlib. Numerous personal projects, 50+ Project Euler problems, etc.

Web Development Familiar with HTML5 Development, including the use of LESS and Coffeescript. Limited experience with Django. See http://simmons-dev.mit.edu/dashboard for a current project.

Git Have used git for numerous projects, including MASLab 2012, the Simmons Dashboard, my website, and other personal projects.

LATEX This resume is typeset in LATEX. I also tend to TEX math and CS Psets where effective.

Linux Terminal / Bash Scripting Ubuntu Linux is my primary operating system.

Honors and Awards

Student of the Year 2011 - St. Mary's - Awarded to the Senior who most exemplifies scholastic excellence.

Carl Friedrich Gauss Award for Mathematics 2011 - St. Mary's - Award for outstanding problem solving and devotion to mathematics.

First place at the Oregon State Math Tournament 2011 - Department of Mathematics, Oregon State University

Outstanding Teen Volunteer 2010 - ScienceWorks - Award "in recognition of his outstanding accomplishments and contributions to ScienceWorks Hands-on Museum".