

AARON MARCUSE-KUBITZA

Waltham, MA

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EDUCATION

B.S., Electrical and Computer Eng. expected, Olin College of Engineering, Needham, MA 8/2008-5/2013

- GPA: 3.53; Software Design, Modeling and Simulation, Design Nature

IES Berlin, Berlin, Germany (study abroad) 3/2008-8/2008

- Computer Networks and Distributed Systems, Project RoboCup

Harvey Mudd College, Claremont, CA 8/2006-5/2008

- Data Structures and Program Development, Principles of Computer Science, Intro to Engineering Design

EXPERIENCE

Student Web Developer, Olin College of Engineering, Needham, MA, www.olin.edu 4/2009-present

Web Page Developer, Matt Neal, Olin College of Engineering, Needham, MA 2/2009-present

- Set up Open Journal Systems journal publishing system for use in Olin courses

Engineering Intern, Black Duck Software, Waltham, MA 5/2009-12/2009

- Created load test recording suite using JMeter, AspectJ, and JavaBeans
- Created AJAX web interfaces and automated scripts to build a database of open source projects

Web Assistant, Poverty Action Lab, Massachusetts Institute of Technology, Cambridge, MA 3/2009-8/2009

- Created online statistics course using JFreeChart
- Created visual demographic data analysis tool using JFreeChart

Web Programmer, Craig Adkins, Claremont, CA, www.americandysphagianetwork.org 12/2007-8/2008

Software Engineering Intern, Fraunhofer FIRST, Berlin, Germany 5/2008-8/2008

- Created simulation of heart blood pump and associated tester in TTCN-3 testing language

Web Programmer, Associated Students of Harvey Mudd College, Claremont, CA 11/2007-6/2008

- Created online voting system for student body elections at <https://www.hmc.edu/ashmc/vote/>

Software Engineering Intern, Stonestreet One, Carlsbad, CA 1/2008-2/2008

- Helped test and debug Wireless USB drivers
- Created interpreter for software release scripts

Student Webmaster, Harvey Mudd College, Claremont, CA, www.hmc.edu 9/2006-12/2007

- Created faculty/staff LDAP directory search page at <http://www.hmc.edu/ldap/>

Web Programming Intern, The Brecht Forum, New York, NY, www.brechtforum.org 8/2007

- Created automated e-mail newsletter of Brecht Forum events in Drupal content management system

Mentor and Lead Programmer, FIRST Robotics Team 1717, Goleta, CA 1/2006-1/2007

- Mentored programming team to control robotic arm and robot-lifting pistons 1/2007
- Led programming team to control drivetrain, camera, and ball collection and shooting mech. 1/2006-4/2006

Webmaster, Dos Pueblos Engineering Academy, Goleta, CA, www.dpengineering.org 9/2005-6/2006

Webmaster, West Campus Point Homeowners' Assn., Goleta, CA, www.westcampuspoint.net 7/2004-8/2005

Webmaster, Memory to Action, Santa Barbara, CA, www.memorytoaction.org 11/2002-9/2003

SKILLS

Foreign languages: German (fluent), French (proficient)

Programming languages: Java, C++, C, PHP, Python, Perl, SQL, XML, HTML, CSS, JavaScript, C#, Visual Basic, AspectJ, MATLAB, shell scripting, assembly language, Scheme, Prolog

Software development: Aspect-oriented programming, Agile software development, UML, Subversion

Software: MySQL, PostgreSQL, ASP.NET, Eclipse, MATLAB, SolidWorks, Dreamweaver