

Brian Guggenheimer

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EDUCATION

HAVERFORD COLLEGE, Haverford, PA

Anticipated Graduation, May 2016

Major: Computer Science, GPA: 3.5

Coursework: Introduction, Data Structures, Discrete Mathematics, Principles of Programming Languages, Compiler Design, Data Science and Visualization, Theory of Computation, Android Development

RELATED EXPERIENCE

Android/Glass Developer, FRIEDLER RESEARCH LAB, Haverford College Summer 2014

Created and published an Android application that uses Computer Vision to grade assignments. Prototyped, prototyped, and refined the app. Worked closely with a Computer Science Professor on user experience.

Computer Science Tutor, OFFICE OF ACADEMIC RESOURCES, Haverford College Fall 2013 – Present

Recommended by the Computer Science department to be one of six tutors for CS students. Also tutored a home-schooled 6th grade student in both algebra and computer science through a volunteer program.

Web Programmer, FIG IS GOOD, Haverford College Fall 2013 – Present

Design websites to improve the Haverford College community with a small team of Haverford students.

Core Services Intern, INSTRUCTIONAL INFORMATION & TECHNOLOGY SERVICES, Haverford College Summer 2013

Worked full time to improve the stability of the College's technological infrastructure. Assisted with the migration of www.haverford.edu from a local server to an offsite host. Helped transfer all college SANs from physical to virtual machines with minimal interruption to the daily operations of the college.

RELATED SKILLS

Programming Languages: Experience in Python, Java, C++, HTML, CSS, PHP, Scheme, JQuery Mobile, MySQL

Software: Mastery of MS: Word, PowerPoint, Excel; Adobe: Photoshop, InDesign, Premier, Dreamweaver;

Experience with VMWare, iMovie, Audacity, PuTTY, GitHub, Filezilla, Notepad++, Unix Terminal, Emacs, Django

OTHER EXPERIENCE

Admissions Host, ADMISSIONS OFFICE, Haverford College Spring 2013 – Present

Chosen to greet visiting families in Haverford's admissions office and answer questions about the college.

HONOR COUNCIL, Haverford College

September 2012 – January 2014

Co-Chair: Coordinated and chaired academic and social trials involving allegations of cheating, theft, plagiarism, and harassment. Managed the training and outreach operations of Honor Council.

Co-Secretary: Automated the system for assembling juries, dramatically expediting jury formation.

Class Representative: Consented to send potential Honor Code violations to trial. Served on several juries.

ADDITIONAL HAVERFORD COLLEGE LEADERSHIP, Haverford College

Varied: September 2012 – Present

Administrative Advisory Committee Representative: Appointed as one of three students to provide input to the College's President and Senior Staff on the annual budget and other major business decisions.

Customs Person: Live among 18 freshmen to help them become accustomed to life as a Haverford student.

Dorm President: Served as elected liaison between more than 100 students and the Office of Residential Life.

Camp Counselor, CAMP ANDROSCOGGIN, Wayne, ME

Summer 2012

Taught archery to more than 200 campers ages 8-15. Cared for a bunk of six 11-year-old boys.

Corps Member, CITY YEAR NEW YORK, PS 48, Hunts Point, Bronx, NY

August 2011 – June 2012

Served over 1700 hours with AmeriCorps National Service program at a high-need public school. Organized afterschool program in partnership with the Police Athletic League to serve more than 200 students.