

Ashley E. Hedberg

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Education

Tufts University School of Engineering

Bachelor of Science, GPA: 3.96

Major: Computer Science

Second Major: Applied Mathematics

Medford, MA

Sept. 2011–May 2015

Work Experience

Google

Software Engineering Intern

Cambridge, MA

May 2014–Aug. 2014

- Improved the testing framework of Google's content delivery network
- Analyzed results of content delivery network load tests using statistical methods
- Created an internal service for team members to search for and compare load test results

Rapid7

Engineering Intern

Cambridge, MA

July 2013–Aug. 2013

- Deployed end-user agent to collect information about activity on a Windows machine
- Built web service to convert agent data into monitoring statistics
- Developed user interface for a company-facing cloud monitoring service

Tufts University Office of Undergraduate Admissions

Engineering Outreach Intern

Medford, MA

Sept. 2013–Present

- Recruit and organize volunteers for Engineering Open House events
- Contribute to and improve engineering-related content on admissions website
- Redesigned engineering tour route and developed training program for engineering tour guides

Tufts University Department of Computer Science

Teaching Fellow, Data Structures

Medford, MA

Jan. 2013–Present

- Manage communications for team of undergraduate teaching assistants
- Coordinate with class professor to plan and lead weekly implementation laboratories
- Hold weekly office hours to assist students with assignments and class material
- Grade student projects

Skills

Languages: C, C++, Python, Java, JavaScript, Standard ML, CSS, HTML

Coursework: Networks, Computer Systems Security, Concurrent Programming, Operating Systems

Platforms: Linux, Windows

Technologies: Django, NumPy, SciPy, matplotlib, Bootstrap, Handlebars.js

Awards

Dean's List

All Semesters

Fox-Ould Scholarship Recipient

June 2014

Raytheon-FIRST Robotics Scholarship Recipient

July 2011

National Merit Scholarship Recipient

Mar. 2011

Extracurricular Activities

Tufts Tap Ensemble: Director, Public Relations, Webmaster, Choreographer

Sept. 2011–Present

Tufts Undergraduate Science Magazine: Webmaster, Copy Editor

Sept. 2011–Present

Tufts Dance Collective: Choreographer

Sept. 2011–Present

The Scientista Foundation: Co-Director, Public Relations

Sept. 2012–Present

Society of Women Engineers: Webmaster

Sept. 2012–Present

Tufts Engineering Mentors

Apr. 2013–Present

Tau Beta Pi

Nov. 2013–Present

Tufts Undergraduate Admissions Tour Guide

Jan. 2012–Apr. 2014