

Ashley E. Hedberg

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EDUCATION

Tufts University School of Engineering, Medford, MA

- Bachelor of Science (B.S.) in Computer Science Sep 2011 – May 2015
 - Second Major: Applied Mathematics
 - Graduated Summa Cum Laude
 - Cumulative GPA: 3.96 / 4.00

WORK EXPERIENCE

Google, Cambridge, MA

- Software Engineer II Aug 2015 – Present
 - Developed internal Chrome extension for browsing session proxying
 - Rewrote usage accountant to record activity asynchronously, providing a 20x improvement in latency
 - Integrated new dynamic binary configuration system into FlooNet backend servers
 - Improved monitoring for the FlooNet backend servers
- Software Engineering Intern May 2014 – Aug 2014
 - Improved testing framework for Google's content delivery network
 - Analyzed results of content delivery network load tests using statistical methods
 - Created internal Django application for team members to search for and compare load test results

Rapid7, Cambridge, MA

- Engineering Intern Jul 2013 – Aug 2013
 - Prototyped end-user agent to collect information about activity on Windows machines
 - Built web interface to convert agent data into monitoring statistics
 - Developed user interface for internal cloud monitoring service

Tufts University Department of Computer Science, Medford, MA

- Teaching Fellow Jan 2013 – May 2015
 - Managed communication with a team of undergraduate teaching assistants
 - Coordinated with class professor to plan and lead weekly implementation laboratories
 - Held weekly office hours to assist students with assignments and class material and graded student projects

Tufts University Office of Undergraduate Admissions, Medford, MA

- Engineering Outreach Intern Sep 2013 – May 2015
 - 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

AWARDS & SCHOLARSHIPS

- Dean's List 2011 – 2015
- Class of 1911 Scholarship Prize Recipient Apr 2015
- Tufts Alumni Senior Award Recipient Mar 2015
- Fox-Ould Memorial Scholarship Recipient Jun 2014

COMMUNITY ACTIVITIES

Capital Area Rescue Effort, Sandston, VA

- Web Manager Dec 2014 – Present

Harvard-Epworth United Methodist Church, Cambridge, MA

- Staff Parish Relations Committee Member Jan 2016 – Present
- Choir Member Sep 2015 – Present
- Bell Choir Member Sep 2012 – Dec 2015

SKILLS

C++, C, Python, JavaScript
Chrome Apps and Extensions, Native Client, AppEngine

[Last updated 2016-02-17]