School Address: 410 Memorial Drive Cambridge MA, 02139

Russell Cohen rcoh@mit.edu 774-314-1519

Home Address: 103 Tower Road Lincoln MA, 01773

Education

Massachusetts Institute of Technology (MIT)

Candidate for Bachelor of Science in Computer Science Relevant Coursework: Computer Language Engineering, Computer Systems Engineering, Advanced Datastructures, Artificial Intelligence [6.01, 6.02, 6.034, 6.042, 6.004, 6.005, 6.006, 6.046, 6.035, 6.851, 6.033, 6.UAT; GPA: 4.9/5.0]

Cambridge, MA June 2013

Experience

Sumo Logic Inc.

Software Engineer Intern

- Worked with team to design / implement continuous query engine capable of processing 1TB data / day on a c1.xlarge
- Designed novel distributed, approximate, streaming algorithms for data processing
- Scala, MapReduce, AWS, Java, Spring, HornetQ

Mountain View, CA June 2012 – August 2012

Google Inc.

Software Engineer Intern

- Improved search quality and the comment panel userexperience on Chrome Web Store
- Java, Javascript / HTML / CSS, Python, C++, MapReduce

Seattle, WA

June 2011 - August 2011

MIT Media Lab, Fluid Interfaces

Undergraduate Researcher under Susanne Seitinger

Lead team of 5 developers to design, implement, and deploy a modular and scalable system to control 10,000 programmable LEDs for interactive installation on the Harvard Bridge with absolute deadline, deployed May 2011

Python

Amazon.com, Inc

Cambridge, MA October 2010 - May 2011

Seattle, WA

Software Development Engineer Intern

- Enabled self-service management of several features on the Webstore Platform
- End-to-end implementation from self-service UI, through multiple back-end layers into Webstore product.
- Java, Javascript, ExtJs, XML, REST, Python, Perl

May 2010 - August 2010

GRASP Lab, University of Pennsylvania

Research Intern in Computer Vision under Dr. Kostas Daniilidis

- Year 2: Managed and directed a younger intern, and developed components of a license plate detection system
- Year 1: Designed a system detect text in photographs; Wrote research paper detailing method
- MATLAB, C#.NET, C/C++

Philadelphia, PA

Year 1: Summer 2008 Year 2: Summer 2009

8 Years of Extensive Programming Experience including: Scala, Java, Python, PHP, C#, MapReduce, MySQL, XML, HTML, CSS, Javascript, ExtJS, C/C++