

Arash Ghoreyshi

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Education

The University of Texas at Austin
B.S. Computer Science

May 2014

GPA: 3.92

Relevant Coursework

Operating Systems, Computer Architecture and Organization, Programming for Performance, Programming Languages, Computer Networks*, Algorithms & Complexity*, Mobile Computing*, Probability and Statistics

*currently enrolled

Professional Experience

Rackspace

Software Development Intern

May 2013 - Present (Became part-time in September 2013)

Austin, TX

- Worked on an open-source key management service made for OpenStack - github.com/cloudkeep
- Developed a production client library and CLI that wrap our RESTful API
- Automated the setup of our development environment using such tools as Chef and Vagrant
- Collaboratively created a multi-tenant password management web application using Django

Calxeda

Software Engineering Intern

June 2012 - May 2013

Austin, TX

- Designed scalable tests and scripts able to run concurrently on multi-node servers
- Created an application that parses data, generates graphs, and uploads files to a specified wiki page
- Developed a SATA drive qualification script that performs various stress tests and saves detailed logs

Skills

- Proficient in Python and C
- Exposure to Java, C++, Lisp, Ruby, and Android development
- Able to produce web applications from front to back using Django
- Experienced using git, Vagrant, Chef, Heroku, Bootstrap, vim, and the Unix shell

Projects

- Created a responsive blogging web app using Django and Bootstrap. It includes search functionality, paging, and blog categories. Blog entries are written in Markdown using an admin site, which also offers entry modification and deletion. Viewable at <http://www.greyshi.com/blog/>
- Implemented a concurrent web proxy in C capable of handling multiple clients simultaneously. For each request, the proxy logs a time stamp, the browser IP, the URL, and the number of bytes received from the end server.