

# Arash Ghoreyshi

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## Education

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### **The University of Texas at Austin**

**May 2014**

B.S. Computer Science

#### **Relevant Coursework**

Operating Systems, Computer Architecture and Organization, Programming for Performance, Programming Languages, Computer Networks\*, Algorithms & Complexity\*, Mobile Computing\*, Data Structures, Matrices and Matrix Calculations, Probability and Statistics, Genetics, Minds and Machines, Discrete Math, Calculus

\*currently enrolled

**GPA:** 3.92

## Professional Experience

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### **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](https://github.com/cloudkeep)
- Developed a production client library and CLI that wrap our RESTful API
- Automated the setup of our development environment using tools such 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

## Skills

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- 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

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- 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.
- 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.