

EXPERIENCE

Pivotal Software

Staff Software Engineer

San Francisco, CA

January 2014 – Present

- **BOSH** as Team Lead, *Ruby, Golang*:
 - * An open source platform for securely managing and deploying distributed systems
 - * Worked to stabilize the team across multiple offices, and contributed to transitioning the product into becoming an efficient and secure tool for deploying Kubernetes clusters
 - * Some responsibilities as team lead include: holding long term knowledge on the project, on-boarding new team members, being contact point for engineering on the project, working with customers and product to determine the direction of the project
- **Diego** as Team Lead, *Golang*:
 - * An open source distributed system for container orchestration that is the core to Cloud Foundry
 - * Lead engineering on the team to drive the project to it's first major version, become stable in production environments, and scale to manage over a quarter of a million containers
- **Cloud Foundry Container Runtime**, *Golang*:
 - * Worked in Dublin, Ireland for 3 months to provide experience and guidance to engineering
 - * Contributed to building a BOSH release for Kubernetes to be used in PKS
 - * Heavily inspired and contributed to an open source BOSH release for ETCD to replace existing implementation
- **Security** as Team Lead, *Golang*:
 - * Worked extensively on the product direction and implementation of the BOSH process manager that uses runc to execute processes in secure containers
- **Cloud Foundry Runtime**, *Ruby, Golang*:
 - * Worked on distributed container orchestration, user facing API design and implementation, and distributed routing and service discovery
 - * Increased the platform's stability in production environments and added a large number of user facing features

Pivotal Labs

Software Engineering Intern

San Francisco, CA

May 2013 – August 2013

- **Greenplum Chorus**, *Ruby, Java, Javascript*:
 - * Got extensive experience using various data sources such as Greenplum DB, Oracle DB, Hadoop, and HAWQ
 - * Worked as a consultant and worked to teach agile programming to the client as well as continuous integration

EDUCATION

University of California, Berkeley

College of Engineering, B.S. Electrical Engineering and Computer Science

Berkeley, CA

August 2010 – December 2013

- Focused my studies on computer science with some background in electrical engineering
- Courses taken include: Artificial Intelligence, Operating Systems, Programming Languages and Compilers, Advanced Algorithms, Computability and Complexity, Database Management Systems, Introduction to Communication Networks, and Computer Security

PROGRAMMING SKILLS

- **Languages:** Golang, Ruby, Javascript, Java, HTML/CSS
- **Technologies:** Continuous Integration, Runc, Docker, Kubernetes, AWS, GCP, Unix Systems, BOSH