

EXPERIENCE

- **Pivotal Software** San Francisco, CA
 - Staff Software Engineer* *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** San Francisco, CA
 - Software Engineering Intern* *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** Berkeley, CA
 - College of Engineering, B.S. Electrical Engineering and Computer Science* *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