

Forest Eckhardt

Githubs: github.com/ForestEckhardt, github.com/reedsginger

Objective

To participate in a summer internship that will allow me to explore software engineering cultures and work with experienced engineers to build shippable products.

Professional Experience

Software Engineer at Pivotal, New York, NY

June - August 2016

- Worked to ship Pivotal Application Watchdog Team, which is an application that allows a user to track dependencies within other applications deployed on a Cloud Foundry instance.
- Helped to build CLI tool, participated in user research, worked with designer and product manager to improve the user experience of the tooling.
- Also helped to design ways of increasing the confidence of our CVE scans.

Software Engineer at Pivotal, New York, NY

June - August 2017

- Worked on the Cloud Foundry Buildpacks Team worked with three other engineer to continuous deliver eight Buildpacks and Rootfs to open source community.
- Worked to rewrite Ruby Buildpack in Golang.
- Worked to split two buildpacks (Dotnet and Ruby) to make them multi-buildpack compliant.
- Helped prepare buildpack app lifecycle for multi-buildpack usage.

Software Engineer at Pivotal, New York, NY

June - August 2018

- Worked on the Cloud Foundry CFdev team, which is a product that allows developers to launch an instances of Cloud Foundry on their local machines.
- Worked to make the product work on both OSX and Windows using native hypervisors.

For a complete list of open source repositories I worked on can be found in a file called [oss_repos.pdf](#) on my github.com/ForestEckhardt/Resume.

Patents Pending

Vulnerability Notification For Live Applications
Application ID: 38727-0153001

Library Scan for Live Applications
Application ID: 38727-0154001

Education

School: Rensselaer Polytechnic Institute 110 8th St, Troy, NY 12180

Sept. 2015 - 2019

Major: Computer System Engineer

Minor: Linguistics

Relevant courses: Data Structures, Introduction to Algorithms, Operating Systems, Database Systems, Advanced Linguistic Topics, Artificial Intelligent Agents, Distributed Systems

Skills

Proficiency in Golang, Ruby, Python, C, C++, Git, Unix based operating systems

Experience with Cloud Foundry, Rails, SQL(MySQL, Postgres), Continuous Delivery and Integration, Concourse, Google Cloud Platform, Amazon Web Services, Azure, Docker, \LaTeX , Windows Application Development, Various Native Hypervisors, Siemens NX 3D CAD

Knowledge of Test-Driven Development, Agile & Extreme Programming (XP) Practices, Paired Programming