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.

Patents Pending

Vulnerability Notification For Live Applications	Library Scan for Live Applications
Application ID: 38727-0153001	Application ID: 38727-0154001

Education

School: Rensselaer Polytechnic Institute 110 8th St, Troy, NY 12180   Sept. 2015 - 2019
Major: Computer System Engineer
GPA: 2.84/4.0
Relevant courses: Data Structures, Introduction to Algorithms, Computer Components and Operations, Embeded Controls, Foundations of Computer Science, 'Computer Architecture,Networks, and Operating Systems'

Skills

Proficiency in Ruby, Golang, Python, 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, Siemens NX 3D CAD

Knowledge of Test-Driven Development, Extreme Programing (XP) Practices, Paired Programing