Price Clark

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Education

University of North Carolina at Chapel Hill

2015

Computer Science

Economics

GPA - 3.73, Graduated with Distinction

Phi Beta Kappa

Hard Skills

Java

Gradle

Docker

Python

GNU/Linux

JavaScript

SQL

Git

Hobbies

Cycling Everywhere

Mountain Biking

Concerts

Ultimate Frisbee

Disc Golf

Guerrilla Disc Golf

Tennis

Crafting

Professional Experience

Senior Software Engineer   Eucleo Software Corporation (Feb 2018 - CURRENT)

- Engineer on DARPA's Secure Handhelds on Assured Resilient networks at the tactical Edge (SHARE) program. A Mobile ad hoc network (MANET) project utilizing Named-Data Networking (NDN) on Linux and custom Android OS.
- Gutted TCP/IP networking internals of two Android military applications, re-wrote to use custom NDN based pub/sub library.
- Wrote, measured, and tested NDN synchronization protocols (e.g. ChronoSync) for use on radio based mesh networks.
- Wrote Java/Python based log aggregation and modeling framework to provide statistics/graphs for customers and debugging; e.g. packet latency, mesh neighbors, cache hits, etc.

Full Stack Engineer   GXM Consulting LLC (Feb 2017 - Feb 2018)

- Architected highly configurable CMS like MeteorJS system for the National Security Innovation Network, nsin.us, formerly md5.net
- Our social-network-for-innovation software facilitated NSIN hosting multiple in-person hackathons and online idea-submission competitions.

Contractor   PCI Weavers, Inc. (Jan 2016 - Jul 2016 & Jun/July 2020) - Family Business

- (In 2016) Wrote a Java-based e-mail/SMS service to automatically report customer orders reducing call volume for Funeral Home Gifts product line.
- (In 2020) Security consultant on behalf of PCI aided in aftermath of NetWalker ransomware attack. Worked remotely with security contractors and PCI clients to ensure factory operations resumed, employees could safely access intranet, and clients (e.g. Shutterfly) felt safe about their data.

Full Time Software Development Co-op   IBM Software Group (Jan 2014 - Jan 2015)

- Identified repetitive manual tasks performed by team then wrote automation tools, e.g. translation forms processing, data reporting, and software installs.
- Worked directly with the IBM Eclipse SDK maintainer/devs to fix bugs and generate patches for LTS versions of the Eclipse SDK.

Projects

Software Consultant   Feedback Labs (feedbacklabs.org, Jul 2019 - CURRENT)

- Fix then maintain broken python application central to Feedback Lab's (FBL) mission; help NGOs/government/non-profits improve/close their feedback loops.

Hobbyist   Simple Lisp Based Shell (github.com/sstanfield/slsh Sep 2019 - CURRENT)

- A co-worker wrote a lisp shell in Rust. I have been working on the lisp side to help improve the language and shell experience.
- Added support for bash completions, allow use of infix notation for pipe/other chained operators on the REPL, parsing documentation to run tests, and automatically generate web based documentation for project.