**Experience**

**Consultant** for ***Theta 42***, November 2017 - present

Refactored, deployed and documented ongoing projects written in NodeJS and Python.

Consulted on planning and architecture of new projects.

**Head Instructor** for ***Byte Academy***, February 2015 - October 2017

Managed our team of team of instructors to meet students needs.

Review and approve curriculum changes.

Tought courses to a dozen students raging from beginner to intermediate level on; Python,

JavaScript, OOP, API’s, Desing, Testing, Deployment, Linux, and Git.

Designed and implemented our online platform(ByteDev) using Python, NodeJS, and PostgreSQL.

**Support Desk** for ***ITRS America***, January 2014 - October 2104

Working with clients to meet their support and development needs in Windows and \*nix systems.

Instructed clients on how to use our fetures of out products.

Wrote modules and UI additions for our 'new technology' using JavaScript and Lua.

**Sys Admin** for ***Unique Systems***, November 2010 - July 2012

Manage internal VoIP/video network including hardware from Tandberg, Polycom, APC, and Dell.

Manage Cisco switches and routers connectiong over 140 remote sites.

Manage Windows server 2000/2003, Windows Active Directory, and Linux servers.

Created an internal application to configured and managed Nagios using PHP and MySQL.

**Education**

**Byte Academy**, 2014-2015: FinTech Python

**R. Mckee Technical High School**, 2001-2005: Cisco Networking Academy.

**CompTIA** A+ Certification, 2010

**Projects**

**Bytedev.co** A online learning platform to help new students learn coding. The back-end uses Django

and Postgres to handle progress and authentication and NodeJS with Socket.io to communicate with

the front end. On the front end, we use Bootstrap with a custom SPA. I was the lead developer.

**Codeland** A supporting project to bytedev, allowing end users to run code in a real Linux environment.

This project was modeled after the backend of c9.io . A NodeJS API manages Digital Ocean droplets

to spin up LXC containers on-demand and listens to execute code from a server written in C.

Other: **Linux-user** A NPM package for user management on Linux. **jqSPA** A front end SPA framework written with jQuery. **bitR** A portal pyBitmessage backed by blockchain, written with jQuery and Django.

**Skills**

Python, JavaScript, PHP, C/C++, Lua, Perl, HTML/CSS, bash, Nginx, Apache, Redis, Postgress, Linux(Red Hat and Ubuntu), macOS, MS Windows(all versions), Virtual Box, LXC, Docker, Cisco internetworked routers/switches, VoIP, SIP