



Mr. William Mantly

Developer & Technologist

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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