Michael Putterflam

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Github: https://github.com/mputterf | **Portfolio:** https://mputterf.github.io/

Soft Skills

Works well as part of a team to achieve common goals; good at multitasking and managing time. Desire to learn new technologies and an overall passion for computers and technology. Strong written and verbal communication skills; great attitude.

Technical Skills

- **Traditional Languages:** Java, C, C++, Bash scripting, Linux, git
- **Web development languages & tools:** HTML, CSS, Bootstrap, Javascript, jQuery, APIs, Firebase, Node, MySQL, MongoDB, React
- Some knowledge of Python, Ruby, KVM virtual machines, and VMware ESXi
- **IT skills:** Experience with Windows, Mac, and Linux operating systems, knowledge of networking including DNS and VLANs, troubleshooting software and hardware issues, experience with Microsoft Office
- **AWS Cloud Skills:** IAM, VPC, S3, EC2, DynamoDB, RDS, Route 53, API Gateway, CloudWatch, CloudTrail, Lambda

Education

AMAZON CLOUD ARCHITECT & CISCO CCNA | PRESENT | LOS ANGELES PIERCE COLLEGE

- Classes for the Amazon Cloud Architect Certification
- Will be taking Solutions Architect Associate certification exam at a future date
- Currently enrolled for classes for Cisco CCNA certification

FULL STACK FLEX CERTIFICATE | SPRING 2019 | UNIVERSITY OF CALIFORNIA LOS ANGELES EXTENSIONS

- Learned full stack development
- Proficient web development languages and tools

BACHELOR OF SCIENCE IN COMPUTER SCIENCE | SPRING 2018 | UNIVERSITY OF COLORADO COLORADO SPRINGS

- Relevant coursework: Cybersecurity and system administration related classes
- Code and test: design driven development and test driven development
- Experience in agile development process

Certifications

AWS CERTIFIED CLOUD PRACTITIONER

- Validation Number: 4NBEKNVJCEE41RGY
- Will be taking AWS Certified Solutions Architect - Associate exam at a future date.

Employment History

JPCA | 2018 - PRESENT

- Independent in supporting development and implementation of new computer projects and hardware installations.
- Responsible for performing on site analysis, diagnosis and resolution of complex problems for end users recommend and implement corrective solutions.
- Responsible for installing, configuring, testing, maintaining and troubleshooting end user and hardware peripherals devices, software and other products needed to deliver required desktop performance.
- Assisted in constructing, installing, and testing customized configurations based on various platforms and operating systems.
- Assisted in administrating and resolving issues with end users, their workstations and software products.
- Collaborate with team members to ensure efficient function of the desktop computing environment.
- Responsible for configuring LAN settings on network and end devices.
- Experience in Windows, Mac OS, and Linux environments.

IT Projects

VMWARE ESXI LAB

- Virtualizing Windows XP for a legacy app, Windows Server 2012 R2 for DNS, Debian Linux for Ubiquiti UniFi controller, and CentOS Linux for Rancher for containerized apps.
- Server was built personally with dual socket Xeons, 10Gb networking, and networked storage.

SMB NETWORK DEPLOYMENT

- A 10 switch Ubiquiti network deployment with 10Gb networking capability.
- Using VLANs to separate IoT devices, media devices, and main computing devices (PCs, NASes, etc).
- Using Windows Server for internal DNS service.

Programming Projects

WAKE-AND-SYNC (HTTPS://GITHUB.COM/MPUTTERF/WAKE-AND-SYNC)

- A simple bash script to turn on a backup Linux server, backup files, and then shutdown
- **Tools used:** Bash, Linux, rsync

AWESOME DASH (HTTPS://GITHUB.COM/MPUTTERF/PROJECT1)

- A centralized dashboard where users have access to weather, headlines and various searches.
- Group effort where all team members coordinated on tasks and provided support for fixing bugs.
- **Tools used:** HTML, CSS, Javascript, jQuery, Firebase, various APIs

BANK OF C++ AND SQL (HTTPS://GITHUB.COM/MPUTTERF/BANKOFCPPANDSQL)

- Simple bank program written in C++ that uses a postgresql database.
- **Tools used:** C++, libpqxx API, postgresql

ASTROCHAT-3000(HTTPS://GITHUB.COM/MPUTTERF/ASTROCHAT-3000)

- A group project, real-time chat room using socket.io and MySQL
- **Tools used:** Javascript, HTML, socket.io, CSS, node, MySQL