

Nakayla Smith

IT Engineer
& Jr. Software Developer

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about

Boston-based IT engineer and self-taught junior front-end dev. A detail-oriented, fast learner with a passion for diversity, automation, and data.

education

2014 - 2018

Northeastern University
Boston, MA

BS, Computer Engineering

95/131 credits earned

Extracurriculars: IEEE, NSBE, undergrad research assistant, course TA, concert band

languages

MS SQL Server

HTML5/CSS3

PowerShell

JavaScript

PHP

software & tools

ServiceNow ticketing & reporting

Command Line/Bash

Git/GitHub

GSuite Administrator

Jamf Apple Device Management

Active Directory & SCCM

Cisco UCM/Cisco UCA

hands-on skills

FAA Licensed Drone Operator

Hardware & Electronics Testing

PCB design

Soldering

A2 German proficiency

Musician – bass, sax, clarinet

work experience

Wayfair

July 2018 – Present

Boston, MA

Service Desk Engineer

- Maintained and revitalized internal mailing list using employee data on SQL servers
- Contributed to custom PowerShell scripts via Git used to automate mailing list creation, password resets, and Active Directory access inheritance groups monitoring
- Queried and updated order and SKU data on production servers to solve customer order bugs on the fly
- Utilized SSH and bash scripting to build LAMP development environments for engineers using Puppet on CentOS
- Assisted with transition to Terraform and Jenkins web stack
- Implemented a lunch club for underrepresented demographics in engineering
- Participated on diversity panels and invited to contribute to DEI improvement conversations with leadership
- Authored company wide release notes and comprehensive technical documentation still in wide use today
- Served as team subject matter expert on Mac troubleshooting and device management through Jamf

GreenSight Agronomics

January 2017 – September 2017

Boston, MA

Computer Engineering Co-op

- Manufactured five drones weekly from blueprints and documentation to a production-level quality
- Setup and maintained Ubuntu servers for processing, splicing, and stitching 22k+ images daily through AWS
- Designed 2 battery PCBs in Altium Designer for use in production-ready drones
- Adjusted of the design prototype using AutoCAD and drone calibration software
- Piloted turfgrass imaging drones remotely for clients all over the US, Canada, and Switzerland using Mission Planner

personal & volunteering

Personal website – integrated particles.js library for responsive design. Hosted on GitHub with Google Analytics integration

CodeConnect – Volunteer Arduino Instructor. Designed custom curriculum to teach programming through hands-on projects to kids aged 8-14

BigSister Boston – Mentored a 7th grade student by helping with schoolwork, providing support, and fostering a positive relationship based on trust