COLORADO SCHOOL OF MINES CLASS OF 2022, B.S. COMPUTER SCIENCE

Education

Colorado School of Mines August 2018 - May 2022

B.S. COMPUTER SCIENCE

- Overall GPA: 3.164
- Relevant courses: Data Structures (C++), Intro to Computer Science (Python)
- Study abroad Kenya 2019 working with Tumaini Innovation Center
 - Prepared and taught lessons on Arduinos and 3D modeling to middle and high school aged youth
 - Conducted entrepreneurial self-efficacy and market research, currently preparing to publish

Technical Skills_

- Programming Languages: Python, C++, Java, C#
- Development Tools

Virtualization: Amazon Web Services Certified Solutions Architect, VMware ESXI Source Code Management: Git (GitHub, GitLab, Atlassian), Visual Studio (C#), Eclipse (Java)

- Hardware: Raspberry Pi, UniFi Networking Gear, PC Building, Mac repair, 3D printers (Prusa i3 MK2, Solidworks)
- Team Management: Integrations Scrum Team member, IT Intern, Eagle Scout, AP Computer Science (Java) Teaching Assistant (2017 2018) lecturing, grading, lesson planning, etc

Employment

Nextworld LLC

ASSOCIATE SOFTWARE ENGINEER Summer 2018, Summer 2019

- Front end web developer (Summer 2019)
 - Used TypeScript/Angular to implement features and improvments to the Nextworld enterprise software platform
 - Used the Nativescript toolkit to improve the iOS and Android mobile apps
- Intergrations specialist (Summer 2018)
 - Used Rest APIs and cloud services to implement endpoints to next generation enterprise software (C#)
 - Experienced Agile Scrum development for mission-critical solutions

Colorado School of Mines

UCLIMB MENTOR FOR COMPUTER SCIENCE 101

- Helped instruct lessons about algorithms, data structures, and other introductory Computer Science material
- Provided one on one mentorship and support for Computer Science 101 students

Jake Vossen LLC

FOUNDER / OWNER Fall 2019

- Used Amazon Web Services to host cloud applications for clients
- Created native iOS fitness application with server backend support

Valor Christian High School

IT INTERN

September 2015 - May 2018

- Managing 550 Apple devices, from hardware maintenance to software deployment and assisted in network configuration in a Jamf JSS environment, as well as assisting in budget approval and project management
- Coding scripts and programs to develop automated solutions for the school
- Migrated on premise servers to cloud based solutions

Certifications & Awards

Best Use of Twilio API, MHacks 11 Hackathon 2018

Most Random Hack, Hack CU V Hackathon 2019

Presenter, C-MAPP Event - CSCI 101 Poster Presentation

2018 - 2020 Associate, AWS Certified Solutions Architect

Extracurricular Activities

Colorado School of Mines OreSec Cybersecurity Club

VICE PRESIDENT Jan. 2019 - Current

- Organized club meetings and gave presentations about cybersecurity topics
- · Raised awareness of personal privacy and security around campus

Boy Scouts of America - Troop 628

Lone Tree

September 2018

EAGLE SCOUT

- Learned leadership skills through outdoor adventures including trips to Florida for sailing an Minnesota for backpacking
- Built wood duck boxes to help the wild population of wood ducks in partnership with non-profit Ducks Unlimited