Jake Vossen

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

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Education

Colorado School of Mines Golden, Colorado

B.S. COMPUTER SCIENCE

August 2018 - May 2022

- Overall GPA: 3.316 (Honor Roll, Spring 2019; Deans List, Fall 2019)
- Major GPA: 3.930
- Relevant courses
 - Completed: Data Structures (C++), Software Engineering (Java), Introduction to Linux, Introduction to Computer Science (Python)
 - Enrolled: Database Management, Compiler Design
- Study abroad: Kenya 2019 Prepared and taught lessons on Arduinos and 3D modeling to middle school and high school aged youth and conducted entrepreneurial self-efficacy and market research
- · British Petroleum (BP) C-MAPP Scholar

Technical Skills

- Programming Languages: Python, Java, C++, SQL, Rust
- · Development Tools
 - Virtualization: Amazon Web Services Certified Solutions Architect
 - Source Code Management: Git (GitHub, GitLab, Atlassian), Visual Studio(C#), Eclipse(Java)
- Team Skills & Leadership: Agile Scrum team member, U-CLIMB Lead Mentor for CSCI 101 (see Employment), Eagle Scout, AP Computer Science (Java) Teaching Assistant (2017 2018)

Employment

Nextworld LLC

Denver Tech Center

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 Golden, Colorado

U-CLIMB MENTOR FOR COMPUTER SCIENCE 101

Fall 2019, Spring 20202

- Lead Mentor (Spring 2020)
 - Managed U-CLIMB mentors, including scheduling, task distribution, and creating / presenting training material
- Mentor (Fall 2019)
 - Assisted with instructing lessons about algorithms, data structures, and other introductory Computer Science material
 - Provided one on one mentorship and support for Computer Science 101 students

Valor Christian High School

Highlands Ranch, Colorado

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
- Migrated on premise servers to cloud based solutions

Certifications & Awards

20204th Best Overall Hack, Hack CU VI HackathonColorado University2018Best Use of Twilio API, MHacks 11 HackathonUniversity of Michigan2019Most Random Hack, Hack CU V HackathonColorado University2018Presenter, C-MAPP Event - CSCI 101 Poster PresentationColorado School of Mines

2018 - 2021 Associate, AWS Certified Solutions Architect

Extracurricular Activities

Colorado School of Mines OreSec Cybersecurity Club

Golden, Colorado

VICE PRESIDENT & COFOUNDER

Spring 2019 - Fall 2020

- 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