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

2020	**4th Best Overall Hack**, Hack CU VI Hackathon		*Colorado University*
2018	**Best Use of Twilio API**, MHacks 11 Hackathon		*University of Michigan*
2019	**Most Random Hack**, Hack CU V Hackathon		*Colorado University*
2018	**Presenter**, C-MAPP Event - CSCI 101 Poster Presentation		*Colorado 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*

EAGLE SCOUT *September 2018*

- Learned leadership skills through outdoor adventures including trips to Florida for sailing an Minnesota for backpacking