

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: 3.164 (Honor Roll, Spring 2019)
- 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

Denver Tech Center

ASSOCIATE SOFTWARE ENGINEER

Summer 2018, Summer 2019

- Front end web developer (Summer 2019)
 - Used TypeScript/Angular to implement features and improvements to the Nextworld enterprise software platform
 - Used the Nativescript toolkit to improve the iOS and Android mobile apps
- Integrations 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, CO

UCLIMB MENTOR FOR COMPUTER SCIENCE 101

Fall 2019

- 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

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

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
- Coding scripts and programs to develop automated solutions for the school
- Migrated on premise servers to cloud based solutions

Certifications & Awards

- 2018 **Best Use of Twilio API**, MHacks 11 Hackathon
- 2019 **Most Random Hack**, Hack CU V Hackathon
- 2018 **Presenter**, C-MAPP Event - CSCI 101 Poster Presentation

University of Michigan

Colorado University

Colorado School of Mines

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

EAGLE SCOUT

Lone Tree

September 2018

- 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