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 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, 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	*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

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

- 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