

Jake Vossen

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

✉ jake@vossen.dev | 🌐 jake.vossen.dev | 📧 jakevossen5 | 🌐 jakevossen5

Education

Colorado School of Mines

Golden, Colorado

B.S. COMPUTER SCIENCE

August 2018 - May 2022

MINOR IN ECONOMICS

- Major GPA: 3.940 || Overall GPA: 3.413 (Honor Roll, Spring 2019; Deans List, Fall 2019 & Spring 2020)
- Relevant courses
 - Completed: Data Structures (C++), Software Engineering (Java), Database Management, Introduction to Linux, Compiler Design
 - Enrolled: Advanced Software Engineering, Algorithms, Programming Languages, Computer Simulations
- British Petroleum (BP) C-MAPP Scholar

Technical Skills

- **Programming Languages:** Python, Java, C++, Rust, SQL
- **Development Tools**
 - Deployment Tools: Amazon Web Services Certified Solutions Architect, Docker, Linux Server Maintenance & Management
 - Other Tools: Git, Bash, Vim, GNU Make
- **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)

Experience

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, Colorado

LINUX SYSTEM ADMINISTRATOR

Spring 2020 - Current

- Performed maintenance, upkeep, and upgrades on 6 Ubuntu servers
- Updated several websites for CS@Mines projects
- Provided and managed package mirrors for Arch Linux and Ubuntu

Colorado School of Mines

Golden, Colorado

U-CLIMB MENTOR FOR COMPUTER SCIENCE 101

Fall 2019 - Current

- Lead Mentor (Spring 2020, Fall 2020)
 - Managed U-CLIMB mentors, scheduling, task distribution, and creating / presenting training material
 - Performed interviews and made hiring decisions for future mentors

Certifications & Awards

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| 2020 | Fourth Best Overall Hack , Hack CU VI Hackathon | University of Colorado |
| 2018 | Best Use of Twilio API , MHacks 11 Hackathon | University of Michigan |
| 2019 | Most Random Hack , Hack CU V Hackathon | University of Colorado |
| 2019 | Second Overall , Google Passport Design Challenge | Google Boulder |
| 2018 | Presenter , C-MAPP Event - CSCI 101 Poster Presentation | Colorado School of Mines |
| 2018 - 2021 Associate , AWS Certified Solutions Architect | | |
| 2018 | Eagle Scout , Boy Scouts of America | Troop 628 |

Extracurricular Activities

Association of Computing - Women (ACM-W)

Golden, Colorado

SECRETARY

Fall 2020

- Helped plan club meetings with goal of increasing diversity in the field of Computer Science, and gave tech talks various technology subjects

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