

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, MINOR IN ECONOMICS

August 2018 - May 2022

- Major GPA: 3.95 || Overall GPA: 3.46 (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: Algorithms, Programming Languages (OCaml), Computer Simulations
- 2019 British Petroleum (BP) C-MAPP Scholar - An award given to recognize students who are active and involved in the Computer Science department

Technical Skills

- **Programming Languages**
 - **Advanced:** Python, Java
 - **Intermediate:** Typescript, C++, Rust, SQL
 - **Beginner:** Haskell, Swift
- **Development Tools**
 - Deployment Tools: AWS, Docker, Linux Server Maintenance & Management
 - Other Tools: Git, GitHub, Bash, \LaTeX , GNU Make
- **Team Skills & Leadership:** Agile Scrum team member, U-CLIMB Lead Mentor for Intro to Computer Science (see Employment), Eagle Scout
- **Certifications:** Associate Amazon Web Services Solution's Architect (2018-2021)

Experience

Nextworld LLC

Denver Tech Center

ASSOCIATE SOFTWARE ENGINEER

Summer 2018, 2019, 2020

Three summers of software development with backend Java and frontend Angular. Each summer I worked at a different part of the company, and my code was deployed bi-weekly, reviewed by stakeholders, and delivered to customers.

- Summer 2020: Reporting Team: Full stack (backend Java, frontend Angular)
- Summer 2019: Client Team: frontend development using Angular
- Summer 2018: Integrations Team: Used C# with REST APIs to connect to external services

Colorado School of Mines

Golden, Colorado

LINUX SYSTEM ADMINISTRATOR

- 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

TEACHING ASSISTANT - INTRO TO LINUX

- Held office hours, assisted students in Linux and shell scripting basics

U-CLIMB MENTOR FOR INTRO TO COMPUTER SCIENCE

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

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 | 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 on 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