

# 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

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

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