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

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 CSCI 101 (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

- Preformed 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, assisting students in Linux and shell scripting basics

U-CLIMB MENTOR FOR COMPUTER SCIENCE 101

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

Awards

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 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