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
MINOR IN ECONOMICS   *August 2018 - May 2022*

- 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, LaTeX, 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*

- 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

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
    - Preformed interviews and made hiring decisions for future mentors

Certifications & 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 - 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