Jake Vossen

Colorado School of Mines class of 2022, B.S. Computer Science

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Education

Colorado School of Mines
B.S. Computer Science

Golden, Colorado
August 2018 - May 2022

- Overall GPA: 3.164
- Relevant courses: Data Structures (C++), Intro to Computer Science (Python)
- Study abroad Kenya 2019 - Worked with street connected youth at an alternative school in partnership with Moi University, Purdue University and completed the following:
  - Taught Arduino and programming basics, as well as 3D modeling
  - Worked as a team to conduct market research into the viability of solar security products in the greater Eldoret area
  - Conducted research into the entrepreneurial self-efficacy of the students

Valor Christian High School
Cum Laude

Highlands Ranch, Colorado
August 2014 - May 2018

- Overall GPA: 3.76
- Relevant courses: AP Computer Science (Java)

Technical Skills

- **Programming Languages**: Python, C++, Java, C#
- **Development Tools**
  Virtualization: Amazon Web Services Certified Solutions Architect, VMware ESXI
  Source Code Management: Git (GitHub, GitLab, Atlassian), Visual Studio(C#), Eclipse(Java)
- **Hardware**: Raspberry Pi, UniFi Networking Gear, PC Building, Mac repair, 3D printers (Prusa i3 MK2, Solidworks)
- **Team Management**: Integrations Scrum Team member, IT Intern, Eagle Scout, AP Computer Science (Java) Teaching Assistant (2017 - 2018) - lecturing, grading, lesson planning, etc

Employment

Nextworld LLC
Associate Software Engineer

Denver Tech Center
Summer 2018, Summer 2019

- Used Rest APIs and cloud services to implement endpoints to next generation enterprise software (C#)
- Experienced Agile Scrum development for mission-critical solutions

Jake Vossen LLC
Founder

- Developed and implement cloud solutions, web hosting, and app development as a contractor

Valor Christian High School
IT Intern

Highlands Ranch, Colorado
September 2015 - May 2018

- Managing 550 Apple devices, from hardware maintenance to software deployment and assisted in network configuration in a Jamf JSS environment, as well as assisting in budget approval and project management
- Coding scripts and programs to develop automated solutions for the school
- Migrated on premise servers to cloud based solutions

Certifications & Awards

2018	**Best Use of Twilio API**, MHacks 11 Hackathon	*U. of Michigan*
2019	**Most Random Hack**, Hack CU V Hackathon	*CU Boulder*
2018	**Presenter**, C-MAPP Event - CSCI 101 Poster Presentation	*Mines*
2018 - 2020	**Associate**, AWS Certified Solutions Architect	
2018	**AP Scholar**, College Board: AP Calculus AB, AP Maco & Micro Economics, AP Computer Science A (Java) AP Physics C Mechanics	*Highlands Ranch*

Extracurricular Activities

Colorado School of Mines OreSec Cybersecurity Club
Vice President

Jan. 2019 - Current

- Organized club meetings and gave presentations about cybersecurity topics
- Raised awareness of personal privacy and security around campus

Boy Scouts of America - Troop 628

Eagle Scout

- Learned leadership skills through outdoor adventures including trips to Florida for sailing an Minnesota for backpacking
- Built wood duck boxes to help the wild population of wood ducks in partnership with non-profit Ducks Unlimited

Boy Scouts of America - Troop 628

Lone Tree

Eagle Scout

September 2018

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