



CARSON KEY

SOFTWARE ENGINEER

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OBJECTIVE

To continue my growth as a software developer and increase my knowledge in the world of software. More importantly though, use accessible/responsive design to create web experiences for all to enjoy, regardless of what device you use or your abilities and/or disabilities.

EDUCATION

BS in Computer Science – Software Engineering | Oregon State - Cascades

2017 – 2021

- GPA: 3.56

EXPERIENCE

Software Developer | Mazama

2022 – PRESENT

- Creating new features and improvements to a customer acquisition chat bot
- Using various tech stacks like React, AWS, Python, and Twilio to accomplish tasks
- Gathering requirements from key stakeholders
- Helping Junior developers with any technical help they needed
- Implementing CCI/CD across all old systems
- Refactoring legacy code

Volunteer Software Engineer | Guardian Group/Effectual

2020 – 2021

- Created a site using React/AWS/Tailwind for the non-profit Guardian Group to help community experts report victims of sex trafficking to Guardian Group for review before being handed off to law enforcement

Developer Intern | CBT Nuggets

JUNE 2018 – SEP 2018

- Created a React site to use in the interview process of QA engineers
- Created a React dashboard page to display automated testing statistics

Junior Developer | Redhawk Network Security (Out of Business)

2019 – 2020

- Maintained a PHP dashboard used to provide network security services to clients

Student Worker and Temp Tech II | OSU-Cascades IT Department

2018 – 2021

- Troubleshooted teacher and student technology issues
- Programmed automated office/IT software

- Contacted various companies/institutions for support
- Imaged Macs/PCs
- Odd tasks

Programmer | Summit High School Robotics (FRC/FTC)

2013 – 2017

- Programmed robots in C# and Java
- Lead other students in the development process
- Teach future programmers how to program a robot for FIRST leagues

SKILLS

- Programming: React, Node, Tailwind, JavaScript, HTML, CSS, PHP, Python, C, C++
- Data: JSON, MySQL, noSQL
- Utilities: GitHub, Git, GitLab, Continuous Deployment, Command Line
- Serverless Services: AWS, Firebase
- Agile/SCRUM
- Modern Development Techniques like those taught by: Robert Martin (Clean Code), Martin Fowler (Refactoring), and Sandy Metz (99 Bottles of OOP)
- Requirements Gathering Techniques: UML, User Stories, Use Cases, TDD

REFERENCES

Tania Mahood | CTO and Director of IT at Deschutes County

Yong Bakos | CS Program Lead at OSU Cascades

Ryan Comingdeer | Technology Advisor and Investor

Evan Randall | Equipment Specialist at OSU Cascades

Ryan Sullivan | Team Leader/QA Engineer at CBT Nuggets

Kathie Quick | Math Department Head and CS Teacher at Summit High School

Sarah Warsaw | Activities Director at Summit High School

Greig Thompson | AP Computer Science Teacher at Summit High School