Shayla Rao

shayla.rao@gmail.com | https://www.linkedin.com/in/shayla-rao | https://github.com/shaylarao

EDUCATION

Bachelor of Science Computer Science | Oregon State University, Corvallis, Oregon | Graduated: June, 2022

Relevant Coursework: Data Structures | Algorithms | Intro to Artificial Intelligence | Software Engineering 1 & 2 | Web Development Machine Learning | Introduction to Databases | Assembly | Scientific Visualization | Biology Series

SKILLS

TECHNICAL SKILLS	Python | SQL | R | Java | JavaScript | C | C++ | HTML | CSS | Linux | Unix
TOOLS	Tableau | Power BI | Angular JS, Django | REST API | Amazon Web Services | OpenCV | Node.js | Git | GitHub | Microsoft Office | Google Analytics | Jira | Balsamiq
CERTIFICATIONS	Google Data Analytics Certification
INTERESTS	Product Management, Software Development, Artificial Intelligence, Machine Learning

WORK EXPERIENCE

General Motors | Software Developer — July 2022– Present

- Worked with Autosys and Tidal Automation software and assisted in company-wide migration from Autosys to Tidal
- Processed Autosys service requests in Galileo software
- Ran Tidal API scripts in order to make changes to jobs for users
- Troubleshooted countless Tidal and Autosys issues with users

Technologies Used: Python, Java, Autosys, Tidal Automation, Galileo

ASOSU Office of Advocacy | Peer Advocate — Oct 2020 – June 2022

- Worked as a Student Advocate to assist students with academic misconduct cases and overall student support
- Collaborated with the Office of Information Security and developed cybersecurity materials to reduce phishing attacks on students
- Presented at the International Center for Academic Integrity (ICAI) conference as a Student Advocate.

OSU Bioinformatics Research | Research Assistant — Feb 2020 – Dec 2020

- Developed plant pathway databases
- Developed system-level models of crops and plants using publicly available genomic data to understand genetic diversity and plant's immediate environment related to yield, stress tolerance and quality traits.

Intel | Cloud Computing Intern — Jun 2019 – Aug 2019

- Ran sample workloads in Amazon Web Services (AWS) environment
- Sample workloads are based on real use cases and utilize features such as containerization, parallel computing, and vectorization.
- Generated training materials for customers using performance optimization tools in Intel's Parallel Studio suite.

Technologies Used: C++, AWS, Intel Parallel Studio Suite

CDK Global | Software Development Intern — Jun 2016 – Aug 2016

- Developed a working chrome extension that contained widgets.
- Widgets included: a calendar widget, a time widget, a weather widget and others to help employees.

Technologies Used: HTML, CSS, Angular JS, REST APIs

PROJECTS

Morse-Smale Visualization: Visualized the Morse-Smale Complex through the use of scalar data using C++ and scalar libraries

Color Sort: Visualized different sorts such as bubble sort through the use of colors using Python and Python libraries

Space Ninja Game: Made a spaceship game using HTML, CSS, JavaScript and Android Studio

Hotspot Recognition Program: Created a program that takes in thermal images of fires and locates the hottest spots in the image using Python, OpenCV, ROS