

JONAH BROYER

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SUMMARY

Strong foundation in object-oriented programming and applying the Agile workflow method for full stack development. Experienced in designing and developing RESTful APIs in Python and JavaScript.

Skills:

- Languages: Bash, C/C++, Dart, HDL, HTML/CSS, Java, JavaScript, MongoDB, PHP, Prolog, Python, R, Racket, Raku, Ruby, SQL
- Frameworks and Libraries: Django, Flutter, Node.js, NumPy, Pandas, Ruby on Rails, React
- Tools: AWS (EC2, Lambda), Docker, Git, Linux, HubSpot, Postman, Snowflake, Tableau

EDUCATION

Oregon State University - Cascades 9/2020 – 6/2023
Bachelor of Science in Computer Science Bend, OR

- Institutional GPA: 3.90
- Member of Hacker Refactor Club
- Relevant Coursework: Analysis of Algorithms, Cloud Application Development, Intro to Stats for Engineers, Machine Learning & Data Mining, Mobile Software Development, Operating Systems I/II, Software Engineering I-III

Central Oregon Community College 9/2016 – 12/2020
Associate of Science Oregon Transfer in Computer Science Bend, OR

- Relevant Coursework: Data Structures, Differential/Integral Calculus, Intro to Computer Science I/II

PROJECT EXPERIENCE

Concert Program Optical Character Recognition 9/2022 – 6/2023
<https://soundbendor.org/projects/30> Bend, OR

- Led a scrum team to develop an innovative pipeline that collects data from classical music concert programs and outputs it into datasets for deep learning algorithms
- Built a front-end web application using Streamlit, Python, and Pandas that allows machine learning researchers to view, filter, and download datasets
- Presented the project at OSU Cascades Research and Scholarship Symposium

INTERNSHIP EXPERIENCE

Report Developer 6/2022 – 9/2022
Les Schwab Tire Centers Bend, OR

- Enhanced SQL knowledge by writing queries in company's Snowflake platform to incorporate data into Tableau
- Utilized and navigated the Tableau UI to build an interactive calendar for Business Intelligence team
- Researched holidays in 10+ countries and organized the data in an Excel spreadsheet to integrate with Tableau and Snowflake to assist HR and managers with contracted employee PTO requests
- Performed data analysis and presented project outcomes to the Chief Digital Officer and my supervisor

Junior Software Engineer 6/2021 – 9/2021
Mazama Bend, OR

- Researched and implemented third party APIs and software to improve chatbots utilized on Facebook and Instagram that acted as sales funnels for government programs leading to 250K+ people connecting to services
- Refactored four AWS Lambda functions written in Python to increase conversion rates in the Lifeline industry leading to 213% growth
- Collaborated daily between marketing/development team on requirements gathering for clients using HubSpot, Postman and flowcharts

WORK EXPERIENCE

Math Tutor

9/2017 – 6/2020

Central Oregon Community College

Bend, OR

- Tutored students from basic math to applied differential equations and related subject specific areas in support of instructional programs
- Managed personalized attention and offered own pace of learning to enrolled students within the college district
- Conducted in-person learning support and set tutoring goals with students for individual tutoring sessions throughout the term
- CRLA Level 2 Certified

Expo, Food Runner, In-Room Dining

5/2014 – 2/2021

Sunriver Resort

Sunriver, OR

- Collaborated with Food & Beverage staff to optimize workflow during breakfast, lunch, and dinner
- Adapted quickly to fluctuations in guest volume and resolved concerns promptly, resulting in a high level of guest satisfaction and an increase in seasonal profit for the company
- Directed the final preparation and delivery of orders, ensuring accuracy and adherence to guest preferences and dietary restrictions for both dine-in and take-out service
- Provided thorough instruction to new staff members on restaurant procedures and standards, emphasizing the importance of compliance with health and safety regulations

AWARDS & RECOGNITION

Bend Senior High

6/2016

The John Philip Sousa Award

Bend, OR

- In recognition of outstanding achievement and interest in instrumental music, for singular merit in loyalty and cooperation, and for displaying those high qualities of conduct that school instrumental music requires
- Captain of the drum line

COMMUNITY INVOLVEMENT

Pacific Crest Endurance Sports Festival

5/2014

Volunteer

Sunriver, OR

- Assisted with setup and various event logistic tasks resulting to host a successful event for 4,000+ attendees