**Jacob Ota**

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**SUMMARY**

Graduate Software Engineering Student with experiential learning, through personal and academic course work, in front-end development and design, back-end service development, object-oriented programming, Agile, Scrum, and DevOps methodologies, seeking Software Engineering or Software Development Engineer in Test Internships or Entry-Level positions.

**EDUCATION**

**Masters of Software Engineering** Expected December 2024

Arizona State University, Tempe, AZ3.67 GPA

* **Relevant Coursework:** Software Testing, Distributed Software Development and Integration, Project Management, Information Systems Engineering, Machine Learning

**B.S. Computer Science** May 2022

University of Puget Sound, Tacoma, WA3.51 GPA

* **Relevant Coursework:** Software Engineering, Operating Systems, Data Structures and Algorithms
* **Awards/Honors:** Dean’s List (Fall 2020, Fall 2021, Spring 2022)

**TECHNICAL SKILLS**

**Programming Languages**: Java, HTML, CSS, JavaScript, C, C#, Python, SQL

**Tools, Frameworks, and OS**: Bootstrap, .Net, React.JS, Node.JS, Express.JS, Axios, Git/GitHub, Windows, MySQL

**IDEs:** Visual Studio, Visual Studio Code, IntelliJ IDEA, MySQL Workbench

**RELEVANT PROJECTS**

**Portfolio Website, *Personal Project*** Winter 2023

* Built a personal website to display projects, resume, and other information and visuals
* Worked with HTML, CSS, and Javascript to develop this website, worked with and deployed through Github

**Trucha Fly Fishing Website, *Freelance Project*** Spring 2023

* Created a website utilizing Node.JS, Express.JS, Axios, and React.JS to promote the business of a fly fishing company
* Worked closely with business owner to implement features and visuals that they requested
* Utilized MySQL Database to create a functional blog posting feature so owner could display his trips

**Baseball Stat Tracker, *Personal Project*** Winter 2022

* Built this web application to give detailed baseball analytics using a dynamically updated strikezone heat map
* Worked with Javascript and learned the basics of React.JS while developing this application
* Intended to help parents, coaches, and players better understand heat maps to improve player performance

**U.S.A Relocation Application, *Graduate School Project*** Fall 2022

* Developed a web application that gave information on city safety, city transportation, moving costs and costs of living
* Worked with C# and the .Net framework to develop this application, deployed to ASU Webstrar
* Intended to help individuals weigh their options before relocating to a different part of the United States

**WORK EXPERIENCE**

**University of Puget Sound, Tacoma, WA: Resident Assistant** 01/2021 – 05/2022

* Built relationships with residents and assisted them with academic or personal reasons throughout the academic year
* Responded to room transfers, room maintenance reports, nightly walk-through rounds, and emergency situations
* Facilitated floor meetings to convey information, discuss any concerns, and grow the community on the floor

**EXTRACURRICULAR EXPERIENCE**

**University of Puget Sound, Tacoma, WA: Collegiate Baseball Player** 08/2018 - 05/2022

* Exhibited leadership and mentorship by pushing teammates to work to a high standard both on and off the field
* Improved skills such as resiliency, adaptability, coachable, leadership and time management as a collegiate athlete
* Awarded All-Northwest Conference Honorable Mentions for the 2022 season