Erwin Laird
Software Development Engineer

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EDUCATION

Oregon State University   Jun 2024
- BS in Computer Science, 3.9 GPA

The University of Texas at Austin   May 2013
- BA in Rhetoric and Writing + Asian Cultures and Languages – Japanese

SKILLS

Python・Java・JavaScript・C#・ASP.NET・CSS・HTML・React・Node・Express・SQL・MongoDB・Figma・Git

WORK EXPERIENCE

Levrum Data Technologies   Corvallis, OR
Fire/EMS Visualization Platform, *Capstone Project Software Engineer*   *Apr 2024 – Jun 2024*
- Overhauled legacy ASP.NET codebase to remove redundancies, raising developer productivity by 20%
- Implemented customizable solution for JSON schema generation, reducing cost by $1,299
- Conducted code reviews on GitHub, ensuring code quality and consistency across team of four

Amazon Web Services   Seattle, WA
Budget Data Export Backend, *Software Development Engineer Intern*   *Jun 2023 – Sep 2023*
- Architected data export pipeline, optimizing cloud resources to limit requests to 3,600 per hour
- Developed backend systems with Java classes including POJO, req/res, DAO and producer tasks
- Executed rigorous unit tests using Mockito, validating system integrity and reliability
- Authored corporate-wide wiki to promote knowledge transfer, receiving 100% positive team feedback

CYBER Gadget   Tokyo, JP
Retro Game Emulator Console, *Engineering Project Coordinator*   *Apr 2017 – Nov 2022*
- Tested builds and provided engineering team with 1,500+ reproducible, actionable bug reports
- Supervised global virtual team members to accomplish 5+ simultaneous project objectives
- Identified roadblocks and escalated issues as needed, ensuring deliverables were met within timeline
- Coordinated multiple teams to adapt 130+ mockup screens and other assets into English
- Interpreted during international meetings, fostering diplomatic relations between stakeholders
- Translated technical, legal and media relations documents from Japanese into English and vice versa

PROJECTS

City Ratings Web App Database *{ JavaScript, MariaDB, Express, Handlebars, Node, HTML, CSS }*
- Engineered SQL database with normalized schema and DDL/DML for efficient data management
- Designed user-friendly web interface by integrating ERD principles for optimal usability

Exercise Tracker Web App *{ JavaScript, MongoDB, Express, React, Node, HTML, CSS }*
- Launched full-stack MERN web app for tracking workout logs with fine-tuned interface
- Revamped direct client-side database access to RESTful API, improving data retrieval speed by 60%

OTHERS

English Instructor: Taught English in language schools and public junior high schools in Japan for 3+ years
Military: Volunteered in US Navy navigation team for 2 years aboard USS Jarrett, touring Asia Pacific
Languages: Japanese (JLPT N1 – Highest level of proficiency), Tagalog (Native bilingual)