

# Timothy Sorisa

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## Experience

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### **Software Developer**, Amazon Ads — Santa Monica, CA

*Oct 2022 – Mar 2024*

- Built and maintained serverless, event-driven systems using AWS Lambda, SQS, S3, VPC, and CDK to process high-volume ad-shopping data.
- Designed and optimized ELT pipelines aggregating millions of records daily, improving ad fund distribution efficiency by 40%.
- Refactored legacy Java and TypeScript services to improve performance, reliability, and long-term maintainability.
- Partnered with product and UI/UX teams to enhance TypeScript front-end workflows, reducing user friction and improving load times.
- Implemented automated testing, monitoring, and fail-safes to increase deployment confidence and system reliability.

### **Learning Ambassador**, Amazon Fulfillment — Lakeland, FL

*Dec 2020 – Feb 2022*

- Trained and mentored associates in high-volume operations while exemplifying Amazon Leadership Principles.
- Selected for Amazon Technical Academy, a competitive internal software engineering program (<1% acceptance rate).
- Ranked consistently in the top performance percentile among 100+ associates based on productivity and leadership metrics.

## Education

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### **Oregon State University** | Ecampus

*Programming Fundamentals Microcredential* | Aug 2025 – Present

- CS 161 (Intro To Computer Sciences) and CS 225 (Discrete Structures) — **4.0 GPA**.
- Recommended for Undergraduate Learning Assistant (ULA) in CS 225.
- Transitioning into the Post-Baccalaureate Computer Science Program (expected Spring 2026).

### **Amazon Technical Academy** | Remote

*Software Engineering Upskill* | Feb 2022 – Oct 2022

Completed a 9-month Java-focused software engineering curriculum covering object-oriented programming, data structures, and systems design.

### **University of South Florida** | Tampa, FL

*B.S. in Health Sciences* | Aug 2013 – May 2018

## Projects

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### **AI Email Sorter** | Python, Gmail API, Supabase, YAML

- Built a modular, rule-based email classification system integrating Python, Gmail API, YAML-based rules, and Supabase logging.
- Designed extensible architecture to support AI-assisted categorization, Dockerization, and future CI/CD deployment.

**Devfolio Website** | Next.js 15, TypeScript, Tailwind CSS, Framer Motion

- Developed a responsive portfolio with dynamic hero sections, tooltips, and custom animations.
- Deployed on Vercel with GitHub Actions enabling automated CI/CD workflows.
- Implemented secure backend data storage with Supabase to persist contact form submissions and visitor messages.

## **Technical Skills**

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**Languages:** Java, Python, JavaScript, TypeScript, SQL, C++ (academic), HTML/CSS

**Frameworks & Tools:** AWS (Lambda, S3, SQS, VPC, CDK), React, Docker, Git, CI/CD, Unit & Integration Testing

**Concepts:** Data Structures & Algorithms, ELT Pipelines, Cloud Architecture, Object-Oriented Design