

# Timothy Sorisa

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## Experience

**Software Developer**, Amazon Ads — Santa Monica, CA *Oct 2022 – Mar 2024*

- Developed and maintained full-stack systems using AWS Lambda, SQS, S3, VPC, and CDK to process high-volume ad-shopping data.
- Engineered ELT pipelines aggregating millions of records daily, improving ad fund distribution efficiency by 40%.
- Refactored and modernized legacy Java and TypeScript codebases, improving performance and maintainability.
- Collaborated with UI/UX design teams to enhance TypeScript front-end components, reducing user-flow friction and improving load times.
- Implemented automated fail-safes and unit/integration tests to increase reliability and deployment confidence.

**Learning Ambassador**, Amazon Fulfillment — Lakeland, FL *Dec 2020 – Feb 2022*

- Trained and coached peers in high-volume operations while demonstrating Amazon Leadership Principles.
- Admitted into Amazon Technical Academy (competitive internal SDE training program; <1% acceptance rate).
- Consistently ranked in the top performance percentile among 100+ associates through documentation and leadership metrics.

## Education

**Oregon State University** | Remote

*Programming Fundamentals Microcredential* | Aug 2025 – Present

Maintaining A-level performance in CS 161 (Programming Fundamentals) and CS 225 (Discrete Structures).

Recommended for Undergraduate Learning Assistant (ULA); planning transition into the Post-Baccalaureate Computer Science Program (expected Winter 2026).

**Amazon Technical Academy** | Remote

*Software Engineering Upskill* | Feb 2022 – Oct 2022

Completed 9-month Java-focused software development curriculum covering OOP, data structures, and systems design.

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

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

## Projects

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

- Built a rule-based email classifier integrating AI-assisted sorting and database logging.
- Designed modular architecture for future Dockerization and CI/CD pipeline 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 for continuous integration and deployment.
- Integrated Supabase as a backend database to securely store visitor messages and contact form submissions.

### **Technical Skills**

Languages: Java, Python, JavaScript, TypeScript, SQL, C++, 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