

Sean McCormick

(408) 455-6478 | seanamccormick7@gmail.com | linkedin.com/in/seanmcc7 | github.com/Seanamccormick7

EDUCATION

California Polytechnic State University, San Luis Obispo

San Luis Obispo, CA

Bachelor of Science in Computer Science

Expected Jun. 2027

– Relevant Coursework: Design and Analysis of Algorithms, Database Systems

De Anza / Foothill College

Cupertino, CA

Associate of Science in Computer Science for Transfer (AS-T); GPA: 3.97

Sep. 2023 – Jun. 2025

– Relevant Coursework: Data Structures & Algorithms, Advanced Java Programming

PROJECTS

InternTrackr | TS, React, Node, MongoDB/Postgres, Redis, Spring Boot, AWS Lambda, Terraform 2025

- Built a full-stack internship tracker with JWT auth, search, and **real-time collaboration** via WebSockets
- Designed a **Java Spring Boot** scoring microservice; integrated with the Node API via REST; covered by JUnit tests
- Shipped **serverless deadline alerts** using AWS Lambda + EventBridge (+ Slack/SES), provisioned with Terraform
- Set up CI/CD with GitHub Actions; **one-command local dev** via Docker Compose; supports MongoDB *and* Postgres (Prisma)

Seralaboratories.com (HeadshotAI) | Next.js (TS), FastAPI, DreamBooth/SD, PostgreSQL, Stripe, EC2 2024

- Launched a production web app that generates professional AI headshots from user photos + preferences
- Built a multi-step upload + preferences flow with real-time client validation (Zod) and Auth.js session handling
- Integrated **Stripe payments** for credit-based generations; gated access until server-verified checkout succeeds
- Implemented a Python **FastAPI microservice** with a Celery task queue to offload long-running jobs
- Implemented **DreamBooth fine-tuning + Stable Diffusion inference** with dynamic prompts
- Containerized and deployed backend on **AWS EC2 with Docker** including task orchestration, webhook callbacks, and cleanup routines

Selected Additional Projects

- **Looter Trading Journal** — Trade tracking app with AI-powered coaching Live | GitHub
- **HomebaseProps.com** — SaaS for property owners to track/manage properties | GitHub
- **Job Finder App** — Remote job board with filters, bookmarks, and persistent storage | GitHub
- **Card Management App** — JavaFX desktop app for managing cards and transactions | GitHub

EXPERIENCE

College Mentor

Jun. 2024 - July 2025

Silicon Valley Education Foundation (SVEF)

Mountain View, CA

- Delivered 20+ lessons across three classes (75+ students) on math/CS enrichment; mentored on college pathways
- Awarded **2024 College Mentor of the Year** (selected among 140 mentors across 70 districts)

LEADERSHIP & SERVICE

Working Partnerships USA — Campaign/program support for equitable jobs and communities Ongoing

St. Justin Community Ministry — Food pantry operations; list management and client support Ongoing

YMCA Camp Campbell — Cabin leader for 12 students; behavior & emotional management training Completed

TECHNICAL SKILLS

Languages: Java, Python, C++, JavaScript, TypeScript, SQL, HTML/CSS, Assembly, Bash

Backend: Node.js, Express.js, Spring Boot, AuthJS, REST APIs

Frontend: React, Next.js, React Native, Zustand, Zod, JavaFX

Databases: PostgreSQL, MongoDB, Redis, Prisma

Cloud/DevOps: AWS (EC2, S3, Lambda), Docker, Docker Compose, Terraform, GitHub Actions, CI/CD

Testing: JUnit, Jest, Playwright

Tools: Git, Linux, IntelliJ, VS Code, Visual Studio