Armand Agopian

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EDUCATION

University of California, Santa Cruz   Mar 2023
Computer Science, BA   *Dean's Honors W23 - 3.85 GPA*

- Full-Stack Web Dev II
- Applied Machine Learning
- Mobile Apps
- Artificial Intelligence
- Logic Design
- Technical Writing

Diablo Valley College   May 2019
Computer Science, AS   *Academic Honors S19*

PROJECTS

WeatherML | *Machine Learning, Express, Google Cloud Platform, Twilio SMS*
- On-demand, long-term weather prediction models with SMS texts
- Models are created from a user's text message with location and prediction date
- Models are generalized within their S2 geocell, and cached to reduce computation costs
- A text is sent back with the predicted weather on the given date

Yumbai | *React, TypeScript, Next.js, TypeGraphQL, Jest, MaterialUI, Postgres, Docker*
- Developed an e-commerce platform with 5 other developers organized utilizing agile principles
- Built a GraphQL api using TypeGraphQL for viewing, creating, searching, filtering items and viewing sales statistics
- Fully tested with unit tests and e2e testing using Jest and Playwright
- Microservice architecture: managed 13 containerized repositories using Docker
- Implemented continuous integration and delivery using GitHub Actions in each repository

Energi | *Kotlin Multiplatform Mobile, SwiftUI, HealthKit, Kotlin, HealthConnect*
- Test-driven development cross-platform iOS/Android app targeting health stores to showcase health widgets and graphs
- Users can create customizable metrics based on compatible units
- Fully unit and e2e tested with Junit and XCTests
- Implemented Ci/CD using Github Actions

TeamLink | *Kotlin/XML, SwiftUI, React Native*
- Slack-style mobile apps written each in Kotlin, Swift, and React Native
- Users communicate over a real-time REST API using async principles
- Fully tested using JUnit, XCTest, and Jest

Networked 3D Printers | *Express, Raspberry PI*
- Set up a 10-3D printer farm with automated networking and load balancing
- Each printer has a Raspberry PI with LED status indicators
- Express server load balances each available printer with REST endpoints
- Website created to view the status of each print

EXPERIENCE

Founder, Captain, Mentor   Aug 2016 – Jun 2019
FIRST Robotics
- Founded and led a team of 40 to design a 135-lb robot in 6 weeks to achieve FRC objectives at UC Davis each year
- Created autonomous algorithms in Java and OpenCV to perform required tasks during gameplay
- Set up the organization's GSuite, Slack, and Github for efficient collaboration

Other Experience

Fulfillment Operations Team Leader Jun 2022 – Sep 2022

Target

- Led a team of 140 to meet daily operational goals within a $100MM location within the online fulfillment departments
- Executed our digital business expansion, delivering 200% growth in online sales
- Designed order process dashboards for company-wide, real-time tracking of key metrics, bringing guest wait times down by 250%
- Realigned all fulfillment departments under a single leadership structure
- Led store/department walks with district store director

Service & Engagement Team Leader Dec 2020 – Jun 2022

Target

- Managed a team of 120 team members/leaders within the front-end departments
- Promoted to interim Assistant Manager, directing staffing, training, and performance evaluations which positively impacted sales and guest relations to deliver a guest satisfaction score of +19 NPS
- Drove a "guest first" mentality when engaging, directly increasing loyalty by 18%

Specialty Sales Consultant (Tech and Beauty) May 2019 – Dec 2020

Target

- Guided the tech and beauty teams of 15 people to comp 77% YoY
- Analyzed current technology trends to build trusting relationships and provide personalized solutions for guests
- Partnered with vendors to plan and execute yearly transitions
- Reprofiled the stockroom to streamline productivity and location accuracy by 20%
- Implemented smarter anti-theft measures leading to $50k less department theft

Technical Skills

Languages: Java, Kotlin, Swift, JavaScript, TypeScript, Python, C/C++, SQL (Postgres), HTML/CSS
Web: React, Next.js, Node.js, Express, Jest, MaterialUI, GraphQL, REST
Mobile: XML, Compose, JUnit, SwiftUI, React Native
Dev Tools: Git, Docker, Google Cloud Platform, Github Actions CI