

# Armand Agopian

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## EDUCATION

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### 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

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### 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 - Online Marketplace | *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 devops pipeline 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 XCTest
- unit testing integration testing test driven development 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

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### Fulfillment Operations Team Leader

Jun 2022 – Sep 2022

*Target*

- Led a team of 140 employees 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, increasing team efficiency by 35%
- 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
- Introduced and implemented 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

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**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