

# ABDULLAH AHMED

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## Education

### San Jose State University

*Bachelor of Science, Software Engineering*

**Expected Graduation: May 2027**

*San Jose, CA*

### Las Positas College

*Associate of Science, Computer Science*

**Expected Graduation: Decemeber 2024**

*Livermore, CA*

- Relevent Coursework: Object Oriented Programming, Data Structures and Algorithms, Probability and Statistics, Python Programming
- Dean's Honor Roll: Achieved a 3.5+ GPA for the Spring 2024 semester

### West Valley College

*Associate of Science, Mathematics*

**June 2023 - May 2024**

*Saratoga, CA*

- Relevent Coursework: Calculus III, Linear Algebra, Differential Equations

## Experience

### Headstarter AI

*Software Engineering Fellow*

**July 2024 – September 2024**

*San Francisco, CA*

- Developed 5+ AI apps and APIs using **NextJS**, **OpenAI**, **Pinecone**, **StripeAPI** with **98%** accuracy as seen by **1000** users.
- Engineered projects from design to deployment, leading 4+ engineering fellows using **MVC** design patterns.
- Coached by Amazon, Bloomberg, and Capital One engineers on **Agile**, **CI/CD**, **Git**, and **microservice** patterns.

## Projects

### PostMap | C++, Eclipse, XCode

**May 2023**

- Developed a C++ program for social media analysis, reading user and post data from CSV files.
- Implemented error handling for data inconsistencies, logging errors to separate files for users and posts.
- Utilized object-oriented principles such as classes and dynamic memory allocation to build a maintainable and scalable social media application.

### PantryPal | NextJS, React, Material UI, Firebase

**July 2024**

- Developed a full stack panty application using **NextJS**, **React**, **Material UI**, and **Firebase** enhancing inventory management
- Implemented data synchronization with Firebase Firestore, certifying up-to-date tracking of items across many devices
- Deployed the application on Vercel, providing a readable and scalable platform for food pantry operations

## Technical Skills

**Languages:** Python, Java, JavaScript, C, C++, HTML/CSS

**Developer Tools:** VS Code, Eclipse, PyCharm, IntelliJ, Git, GitHub

**Technologies/Frameworks:** Numpy, Pandas, Matplotlib, NextJS, Material UI, OpenAI

## Awards & Certifications

### Stanford University

*Awarded a certificate of completion for Introduction to Programming in Python*

**October 2020**

*Stanford, CA*