

AMIR HAMMOUD

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EDUCATION:

California State University, Long Beach

Aug. 2019 - May. 2022

Bachelor's Degree in Computer Science

- *Data Structures* ▪ *Object Oriented Application Development* ▪ *Advanced C++* ▪ *Database Fundamentals*
- *Discrete Structures with Computing Applications I & II* ▪ *Software Development with Frameworks*

Cerritos College

Aug. 2013 - May. 2019

Associate's Degree in General Science & Liberal Arts

TECHNICAL SKILLS:

- *Java* ▪ *Python* ▪ *Swift* ▪ *C/C++* ▪ *C#* ▪ *HTML* ▪ *CSS* ▪ *JavaScript* ▪ *SQL* ▪ *Firebase* ▪ *Git/GitHub* ▪ *Figma*
- *Xcode* ▪ *Visual Studio Code* ▪ *Object-Oriented Design* ▪ *Model-View-Controller Architecture* ▪ *Software Development Kits*

PROJECTS:

Tasker iOS (Swift, Firebase, Figma)

An errand marketplace app for iOS built in Swift and developed with my group during our last semester at CSULB.

- Developed features and user interfaces for: creating an account, standard login, registering/logging in with Google and Facebook, rating a user and confirming payments via a model-view-controller architecture.
- Integrated Firebase and its SDKs for our database of choice and authenticating accounts.
- Utilized Git/GitHub to review code and merge different features from various branches into our main branch.

Solitaire Prime (C++)

Shuffles a deck of cards and continues to take the top card from the deck until the sum of those cards is prime.

- Incorporated object-oriented programming to create deck and card objects.
- Protected header files by using header guards.
- Developed a firm understanding on preprocessor directives such as libraries and previously programmed header files.

Employee Payroll System (Java)

Constructs a payroll system for different types of employees.

- Implemented object-oriented programming, inheritance, polymorphism and interfaces to compute and display a staff's payroll.
- Differentiated between overridden methods and overloaded methods.
- Expanded my knowledge of various data structures and how to incorporate them via polymorphism to produce efficient code.

WORK EXPERIENCE:

Forty-Niner Shops, Inc, Long Beach, CA

Aug. 2019 - Mar. 2020

Office & Tech Associate I, Part-Time

- Assisted system administrators with hardware/software installation and maintenance.
- Diagnosed and resolved application and PC network connectivity issues.
- Provided timely response and documented incident management requests via Helpdesk tools.

Marshalls Convenience Stores, Lakewood, CA

Sept. 2015 - Jan. 2016

Sales Floor Associate, Part-Time

- Responsible for customer service as well as organizing and stocking merchandise as directed.
- Managed and ran fitting rooms to prevent theft.
- Reported and documented hazardous conditions and equipment.

Mazaj Café, Anaheim, CA

Dec. 2013 - Nov. 2014

Manager, Part-Time

- In charge of hiring and training employees to provide exceptional customer service.
- Designed menus and logos as well as ran social media accounts for the business.
- Set up and maintained televisions, sound systems, lights and computers.