

# Dilhan I. Franco

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## EDUCATION

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**California State University, Fullerton**

*Bachelor of Science in Computer Science*

Fullerton, CA

*Aug. 2019 - May 2023*

## PROJECTS

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**Klassicle** | *Flask, HTML/CSS, SQL (SQLAlchemy)*

**Apr. 2023**

- Led a team of 5 developers in the conception and realization of a platform empowering students to share class and professor experiences
- Spearheaded project development, coordinating tasks and ensuring successful task completion through task assignment and management using Jira
- Facilitated productive weekly scrum meetings, enhancing team collaboration and progress tracking

**ConveniFit** | *SwiftUI, Swift*

**Dec. 2022**

- Designed, built, and published fitness app, key to my 60lbs weight loss journey, available on the Apple App Store
- Applied Harris-Benedict and Mifflin-St Jeor formulas for precise caloric and macronutrient planning
- Created user-friendly timer for customized workouts, enabling input of interval count, duration, and rest periods

**Tuffy: The Virtual Buddy** | *Google Maps API, HTML/CSS, Node.js, C++*

**Nov. 2022**

- Leveraged Arduino programming and GPS modules to integrate real-time location data into web application, enabling dynamic college campus mapping and user positioning
- Utilized HTML5, CSS3, and Node.js for the front-end and back-end development of the web application, creating a responsive and intuitive user interface
- Parsed data with JavaScript, employed Google Maps API to showcase real-time user location as a refreshing pin on the map, enhancing user experience

**Virtual Advisor** | *C++, SQL (MariaDB), QtCreator*

**May 2022**

- Implemented C++ and Open Source software QT for the GUI and MariaDB for the database, ensuring a highly efficient and reliable system for storing and retrieving data
- Constructed Objected Oriented Class diagrams to show interactions between all the classes used in the system, designed sequence and case diagrams for each feature to show how the user will interact with the system
- Licensed the final product under the GPL V3 License, ensuring that the software was open-source and accessible

## EXPERIENCE

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**Information Technology Support Specialist**

Dec. 2021 – Present

*South Bay Truck Tops*

*Torrance, CA*

- Provided efficient technical support, resolving 50+ hardware and software issues monthly
- Developed the company's website ensuring it was user-friendly, mobile-responsive, and optimized for search engines
- Streamlined email workflow by creating and implementing a standardized template, reducing the time spent on composing responses by 50%

**Software Development Intern**

Sep. 2020 – Oct. 2021

*WM Systems*

*Scottsdale, AZ (Remote)*

- Collaborated closely with Senior developers throughout tasks, contributing to database relational diagram design
- Played an active role in front-end development using the Angular framework, ensuring a seamless user interface
- Developed robust web APIs using C# to enhance backend functionality and user interactions
- Participated in sprint planning and stand-up meetings, ensuring effective project coordination and communication

**Machinist**

Jan. 2019 – Mar. 2020

*Diema-Dies, Stamping, Engineering, and Production*

*Gardena, CA*

- Cooperated with lead Tool and Die maker on quality assurance of aerospace parts with tolerances as fine as 0.001 (±) 0.005 inch in accordance with customer drawing and ASTM specifications

## TECHNICAL SKILLS

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**Languages:** Python, C/C++, SQL, C#, JavaScript, HTML/CSS, Objective-C, Swift, SwiftUI

**Frameworks:** Flask, Node.js, Bootstrap, TailwindCSS, FastAPI, Django, Angular

**Developer Tools:** Git, GitHub, Jira, Bitbucket, VS Code, Visual Studio, Docker

**Relevant Coursework:** Algorithms, Data Structures, Computer Network Communications, Operating Systems