# AHMED ELSAYED

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#### **EDUCATION:**

## California State Polytechnic University - Pomona

Bachelor of Science, Computer Science, May 2021

• **Relevant Coursework:** Data Structures, Algorithm Design and Analysis, Software Engineering, Operating Systems, Object-Oriented Programming, Mobile App development, and more.

### **SKILLS:**

- Languages: Java, Google Dart, SQL, JavaScript,
- Web Technologies & Databases: HTML, CSS, MySQL, MongoDB
- Framework & Libraries: Flutter, JavaFX, Swing, React, Node.js, Express, mongoose
- **Developer Tools:** Git, VS Code, Eclipse, Postman, Linux

#### **PROJECTS:**

E85 App

• Individually developed an iOS mobile, receiving over 10k downloads to date, that allows the user to easily find gas stations near them that supply 105 octane fuel and calculate proper fuel mixes for their vehicles.

### PEV (Personal Electric Vehicles) World App

**Link** 

- Individually launched a social media app for extreme sports participants to organize events such as amateur skateboard contests, electric scooter rides, and much more.
- Includes features like the ability to create, edit, and delete an event, sharing location with nearby riders, add and delete friends, showing nearby charging stations, and recording cruising routes with info like average speeds, time elapsed, and temperature.

## **CPP (Cal Poly Pomona) Chatrooms App**

**Link** 

- Built a chatroom mobile app to helps upcoming students to reach other students in Cal Pol Pomona to ask questions and to create study group chats.
- Includes features like searching for a chatroom by subject, review chat history, block and report students, hide inappropriate messages, push notifications and more.

#### **Mini Twitter Java Program**

**Link** 

 Organized a team of student to create a twitter clone program to demonstrate different use cases of different design patterns and to practice different OOP concepts, and implementation of a simple multi panel UI using Java Swing.