Elmar Imanov

Full Stack Engineer | Sunnyvale CA | **LinkedIn** | elmarnov22@gmail.com | 650-447-5694 | **Github** | **Website**

Education

San José State University   **Graduation: Fall 2023**
B. S. Computer Science   GPA: **3.6/4.0**
Clubs & Activity: Society of Engineering Club | Adventure Club | Esports Club | Tutor for sophomore & junior students in Java programming

De Anza Community College   **Spring 2021**
A.D.T. Computer Science   GPA: **3.7/4.0**

Relevant Coursework

Data Structures & Algorithms, DB Management Systems, Object-Oriented Design, Adv. Java Programming

Projects & Experience

PassLock - Password manager - **GitHub**
- Developed a password manager in **Java** that protects all social media passwords under one master key
- Constructed an **encryption/decryption** method using a custom cipher that is hidden in the **SQLite** database
- Utilized **SQL** to perform **CRUD** operations to handle user login, signup, reset, and storing of user data
- Implemented searching data using **Data Structures** to display in real-time with maximum efficiency
- Developed strong leadership skills by managing a team of four following the **SDLC** and **MVC** patterns
- Skills used: Java, JavaFX, Scenebuilder, Sqlite, SQL, Github, Slack, CSS

LocateME - Favorite restaurant notebook - **GitHub**
- Built when a friend asked for restaurant recommendations and I couldn't remember its location
- Adapted a map **API** to log user location and restaurant name with **JavaScript**, **HTML**, and **CSS**
- Created a **Node.js** server using **Express.js** for handling the map API and parsing **JSON** files.
- Retrieved and stored user coordinates and other data into the file-based embedded DBMS, **NeDB**
- Mastered **Asynchronous** API (Async, Await) and displayed user data with simple and fun UI
- Skills used: JavaScript, Node.js, Express.js, APIs, NE Database, HTML, CSS, APIs

Musicle - Music streaming app - **GitHub**
- Constructed an **iOS** app that displays and plays the albums and songs of a variety of artists
- Utilized **Xcode** in order to make use of **Swift** in order to develop the app to be made using iOS
- Skills used: Swift, Xcode, Github, Google, APIs

Portfolio - Personal Website - **GitHub** | **Website**
- Structured a personal portfolio website utilizing pure **HTML** and **CSS** as well as **JavaScript**
- Practiced industry-standard **UI/UX** design principles to make the website user-centered and aesthetic
- Skills used: JavaScript, HTML, CSS, Github, APIs

PongGame - Ping Pong Game - **GitHub**
- Made using **Python** in order to code a ping pong game and get into game development
- Utilized the python library **Turtle** in order to help make it smoother and faster to run
- Skills used: Python, Turtle, VsCode, Github

Technical Skills

Programming languages: Java, Python, JavaScript, C++, C, Swift, HTML, CSS
Tools & Frameworks: Node.js, Express.js, React.js, APIs, SQL, MongoDB, Postman, Git, Turtle, REST, Firebase, Mongoose, JQuery, SCSS

Citizenship Status: U.S. Citizen