# Firas Alshami

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## Education

**Irvine Valley College**                                            *Transfer Date: June 2023*
*Bachelor of Science, Computer Science*
*GPA: 3.7          Major GPA: 4.0*
**Relevant Coursework:** C Programming, Computer Organization/Assembly Language, Java Programming,
C++ Programming, Intro to Python, Data Structures

## Work Experience

**Ritz-Carlton Bacara**                                                **Santa Barbara, CA**
*Server*                                                        *August 2021 - January 2022*
- Ensured guest satisfaction and provided a warm, friendly environment
- Followed service standards to ensure guests experienced the standards of the Ritz-Carlton
- Provided guests with amenities for special occasions and to correct errors

**Boomers**                                                                **Irvine, CA**
*Ride Operator*                                                    *June 2019 - November 2019*
- Followed safety procedures to ensure customer safety
- Focused on safety while also creating a friendly environment for all customers
- Collaborated and communicated with management to ensure the location was well maintained

## Projects

**Portfolio Website**
- Built a personal portfolio website using **React** to showcase my side projects and skills
- Utilized **Tailwind CSS** to style the project and create a clean and smooth design
- Deployed and hosted the website through **Vercel**

**Chess Board Recognition**
- Built a **Python** application which recognizes a chess position using machine learning and translates it to FEN (**Forsyth-Edwards Notation)**
- Utilized **OpenCV** to handle image processing
- Used **TensorFlow** to create and train a **CNN** to recognize chess pieces in each position

**Soccer Alert**
- Built a **React** application which allows users to follow the schedules of their favorite soccer teams
- Utilized **Tailwind CSS** to create visually appealing components
- Used **Firebase** to handle user authentication and store user information

**Movify**
- Built a **React** application which allows users to create movie playlists and store and share them
- Utilized **Tailwind CSS** to create a visually appealing UI
- Handled authentication and stored user data using **Firebase**

**Halal App**
- Created an android application using **Xamarin Forms** in **C#** to allow users to figure out if a food is halal by scanning it's barcode
- Used the **ZXing** open-source library to scan and process barcodes
- Utilized that information in an API call to get a list of ingredients which was compared against a list of non-halal ingredients

## Technical Skills

- Languages: Java, Python, C, C++, C#, HTML/CSS, JavaScript, TypeScript
- Frameworks: React
- Development Tools: VS Code, Git, GitHub, Eclipse, Node.js