

# Firas Alshami

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## Education

### Irvine Valley College

Bachelor of Science, Computer Science  
GPA: 3.7 Major GPA: 4.0

Transferring to University  
Fall of 2023

**Relevant Coursework:** C Programming, C++ Programming, Java Programming, Intro to Python, Computer Organization/Assembly Language, Data Structures

## Technical Skills

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

## Projects

### 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**

### 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**

### 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 this in an API call to get list of ingredients to compare against a list of non-halal ingredients

## Work Experience

### Ritz-Carlton Bacara

Server

Santa Barbara, CA

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

Ride Operator

Irvine, CA

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

## Leadership

### Wrestling Team Captain at Woodbridge High School

Team Captain

Irvine, CA

2019 - 2020

- Worked on effectively leading the team towards a successful season
- Organized practice sessions when the team coach was unavailable and organized extra sessions.