# Husain Yusuf

Husainyusuf1901@gmail.com | +973 39719666 | [My Website](#) | [GitHub](#) | [LinkedIn](#)

## EDUCATION

**West Virginia University**
BS IN Computer Science
May 2023 | Morgantown, WV
**GPA: 3.97 / 4.0**

## SKILLS

**PROGRAMMING**
Java . JavaScript . Python
React . Node.JS . Django
Express . PHP . C

**LANGUAGES**
Fluent
English . Arabic

## AWARDS

2023 Summa Cum Laude Honors
2022 Junior Merit Award
2021 Sophomore Merit Award
2019 Golden IB-CAS Award
2019 1st Place | Bahrain Marathon Relay
2018 Math Kumon Graduate

## EXPERIENCE

**WVU EcoCAR** | **Connected and Automated Vehicles Software Developer**
Aug 2022 – Present | Morgantown, WV

- Developed and documented MATLAB scripts that imported the teams' requirements from Excel to Simulink for better organization, flexibility, and allowed for a linkage between the vehicle models and requirements
- Built a K-means clustering algorithm which provides our vehicle with pothole/speedbump detection and verification capabilities.

## Ace Insurance Brokers | Software Development Intern

May 2021 – Aug 2021 | Seef, Bahrain

- Developed and released a website which created and assigned customer tickets to the company's customer support team, using SQL. PHP, and CSS, in a manner catered to their requests. Yielding faster response time between clients and customer service representatives
- Designed and developed an online claim-request project, where customers can file a claim for their car insurance online, promoting a COVID-conscious business model which lead to a **12%** increase in claims
- Created and published a Python program which parsed CSV files to automate reoccurring tasks

## TEDxWVU | Website and Design Chair

Feb 2021 – Aug 2022 | Morgantown, WV

- Managed and updated the official TEDxWVU website ([https://tedxwvu.com](https://tedxwvu.com)) using HTML and CSS
- Pitched and supported proposals regarding how to gain traction and traffic for the event. Leading to a **13%** increase over last year's applicants

## IT Service Desk | Student Worker

Nov 2019 – Jan 2022 | Morgantown, WV

- Provided rapid diagnosis, troubleshooting, and resolution of IT issues for students and staff
- Handled **300+** tickets in the first year of work

## Math & Computer Science Tutor | Student Worker

Aug 2020 – Mar 2022 | Morgantown, WV

- Tutored undergraduate students in calc 2, calc 1, applications of algebra, and introduction to data structures & algorithms
- Teaching assistant for calc 1, applications of algebra, and introduction to computer science

## INDEPENDENT PROJECTS

### LoL Esports Website

- Developed a League of Legends Esports website using NodeJS and the PandaScore API. Users can watch live games, track professional teams/players performances, and view tournaments brackets.

### Personal Website | https://github.com/HusainYusuf/personal-website

- Developed a personal website that details my journey as a developer using ReactJs. The website also provides descriptions, notes, textbooks, and pieces of advice I have for all the Computer Science majors attending WVU.

### Weather App | https://github.com/HusainYusuf/weather-app

- End-to-end development of a weather app using the Express/NodeJS frameworks and the open source OpenWeatherMap API. Deployed the app using Heroku.

### Notes App | https://github.com/HusainYusuf/school-app

- Designed and developed a notes and Pomodoro application using the React/Django REST frameworks and using a personally developed notes API. Application was deployed using Amazon S3

### Card Matching Game | https://github.com/HusainYusuf/Card-Game

- Created a card matching game with a standard 52 deck of card using React.Js and hosted the application using Amazon S3