

# Muhammad Ammar

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## **EDUCATION**

### **B.S. Computer Science**

University of Washington – Seattle, WA

Expected Graduation: December 2023

### **A.S. Associate in Science**

Shoreline Community College – Seattle, WA

Graduated with Honors: June 2020 with 3.9 GPA

## **RELEVANT COURSEWORK**

Data Structures and Parallelism

Software Design and Implementation

Systems Programming

## **TECHNICAL SKILLS**

Java, Javascript C, C++, Python, Linux, Git, React, SQL, NoSQL.

## **PROJECTS**

### **Car Classification**

- Compared training and testing accuracy of different neural networks.
- Achieved 99% training and 87% testing accuracy with Resnet on Stanford's Car dataset.

### **UW Pathfinder**

- Used Spark for backend and React for frontend.
- Implemented Dijkstra's algorithm to find the shortest path between two campus buildings.

### **Web Scraper**

- Used Jsoup and openCSV to read and extract data from URLs.
- Outputs performance metrics of vehicles tested by an automotive magazine.

### **Marvel Connections**

- Used Spark for backend and React for frontend.
- Used Breadth-First-Search algorithm to find connections between two marvel heroes.

## **WORK EXPERIENCE**

**Teaching Assistant** | Shoreline Community College | October 2019 – April 2020

- Assisted teachers in lectures and helped students succeed in class.

**FC Associate** | Amazon | July 2020 – August 2021

- Solved problems efficiently and quickly to fulfill orders on time.

## **VOLUNTEER & LEADERSHIP**

**Brand Ambassador** | NKMUN, Pakistan | May 2016 – July 2016

- Promoted debate and social events through social media and managed ticket sales.