Muhammad Ammar

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[GitHub](#) | [LinkedIn](#) | [Website](#)

EDUCATION

University of Washington – Seattle, WA	**Shoreline Community College**
B.S. in Computer Science	Associate of Science
Expected Graduation: December 2023	Graduated with Honors: June 2020
	CGPA = 3.9 / 4

Awards: President's List, Dean's List.

RELEVANT COURSEWORK

Data Structures and Parallelism	Artificial Intelligence
Software Engineering	Computer Security
Embedded Systems	Systems Programming

TECHNICAL SKILLS

Languages: Java, C, C++, Python, Typescript, PHP, SQL, HTML/CSS.
Frameworks/Libraries: React.js, Node.js. Numpy, Matplotlib, Pytorch, Spark server, openAI
Databases: Microsoft Azure, SQLite3
Developer tools: Git, Bash, npm, Jupyter Notebook, Colab, IntelliJ, VS Code, Eclipse.

PROJECTS

[Car Classification](#) | Python, Pytorch, Jupyter Notebook, Colab, Neural Networks
- Compared accuracy of different neural networks on Stanford's Car dataset (16,185 images).
- Optimized model achieved 99% training and 87% testing accuracy.

[Campus Map](#) | Java, Typescript, Spark, React, Nodejs, JSON, REST API
- Designed a web app that draws the shortest walking route between two campus buildings.
- Implemented Dijkstra's algorithm to find the shortest path among 50+ buildings.

[Web Scraper](#) | Java, Jsoup, openCSV
- Used Jsoup to read and extract data from URLs and openCSV to store it.
- Automated script to store specs of 100+ cars tested by an automotive magazine.

[Reddit Bot](#) | Python, Praw, OpenAI, HuggingFace
- Designed a bot that summarizes long posts and comments on reddit.
- Used Praw API to navigate reddit and machine learning models to summarize text.

WORK EXPERIENCE

Lot Attendant | University Audi   July 2022 – Current
- Responsible for managing vehicle inventory of 80+ cars.

Teaching Assistant | Shoreline Community College   October 2019 – April 2020
- Assisted teachers in lectures and helped students individually in a 50+ person class.

FC Associate | Amazon   July 2020 – August 2021
- Worked in a fast paced environment to complete customer orders in less than an hour.

VOLUNTEER & LEADERSHIP

Brand Ambassador | NKMUN, Pakistan   May 2016 – July 2016
- Managed and promoted a Model United Nations event with 3000+ student attendees.