Abdul Hadi Fawad

2925 Summit Hill Rd, Norman, Oklahoma 73071 | hadi.fawad@ou.edu | 405-328-3319

COMPETENCIES

- **LANGUAGES:** Java • Python • HTML • CSS • C++ • C • R • SQL
- **TECHNOLOGIES:** Conda • MongoDB • NoSQL • GCP • Git • GitHub • Jupyter Notebook

RELEVANT EXPERIENCE

- **The Big Event Database Project**—August 2022-Current
  - Currently Serve on TBE Database Committee where over 6,000 students are sorted and matched with 200 organizations to volunteer for one day of the Spring academic semester. Finding the best possible groupings through SQL Queries and Python Scripting using a variety of information from age, location, and preferences to the vehicles that the volunteers drive.
- **Paycom Software Engineering Program** —August 2022
  - Hosted by one of Oklahoma's largest technology companies, Paycom's Summer Engineering Program allowed interns that attended to be taught both soft and technical skills in a way that is applicable to real-world scenarios. Another benefit of the program was the daily workshops developed around languages such as C, SQL, & JavaScript that familiarized interns with daily problems that full-time Software Engineers at Paycom would face.
- **OU Programming Team**—September 2022-Current
  - The Programming team hosts weekly meetings where groups of students will solve data structure-related programming problems through whiteboarding, analyzing & discussing techniques in order to find the best solution with the least time complexity.
- **Sooner Racing Team**—February 2020-August 2021
  - Responsibility for the development of a Small Scale F1 Car capable of reaching speeds exceeding 80mph. Tasks range from welding and electrical work to finance and securing sponsorships.
- **Iris Dataset Regression Model** —May 2022
  - Using Python and MongoDB, I created a model that predicted the Iris Flower subspecies based off a multitude of factors. In this project I created visual models to go with the Regression Model and used packages such as seaborn, pandas & scikit.
- **Dogs & Cats Image Recognition** —August 2022
  - TensorFlow Project uses Image Recognition and a Deep Learning network to expand on a database of images of dogs, cats, & other animals to create a progressively more accurate model. Written in Python.
- **Nonogram Game** —June 2022
  - Using JavaFX and JavaUI, I created a Nonogram Game that pulls numbered files and using a MVC Framework, gives the controller the opportunity to fill out a Nonogram that creates different images.

EDUCATION

University of Oklahoma, Norman, OK
Expected Graduation: May 2024

- Pursuing a BS in Computer Science
- Mathematics Minor
- Pursuing Certification in OU's Data Science and Analytics Program

LEADERSHIP

- **Jerry Holmes Leadership Association**—August 2021-Current
  - HLAs work with professional mentors to design a personal leadership development plan. Attending monthly topical meetings and other events where we hone our leadership skills, creating a real impact as leaders within the university and surrounding communities.
- **Campus Activities Council, High School Leadership Conference**—August 2020-Current
- **OU Student Government Association Congress Secretary**—August 2021-Current
- **Dean's Leadership Council, ENGR 1411 Teaching Assistant**—August 2021-May 2022
  - A group of student's hand-selected by a Dean in the Gallogly College of Engineering responsible for tutoring and mentoring the incoming engineering freshman class.

CAMPUS EMPLOYMENT

- **Engineering Dean's Student Assistant** —September 2021-May 2022
  - This employment opportunity required me to run daily office tasks for the Gallogly College of Engineering Dean's office. In addition to working 10 hours a week. Worked on a programming project to read information from scholarship letters to help improve efficiency in the office.
- **AT&T Summer Bridge Program Counselor** —July 2021-August 2021
  - During this month-long residential program, I was tasked with taking care of the emotional, mental, and physical needs of 50 incoming freshmen at the University of Oklahoma. We were tasked with a large variety of jobs during this month in order to help the students gain the most out of their early stay by learning about campus and getting adjusted ahead of others.