

MUJAHID JAFFER

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Professional Summary

Dynamic and Mission-Driven Computer Science Tutor bringing 4 years of experience in instruction. Able to provide feedback from debugging code and implement effective strategies to help students succeed. I can use this experience to become an ideal candidate for an internship relating to software engineering, cyber security, or web development.

Education

Bachelor of Science: Computer Science

Expected in 05/2021

University of Central Florida - Orlando, FL

GPA: 3.7

- Dean's List (GPA: 3.5) for 7 Straight Semesters
- Awarded Pegasus Silver Scholarship by UCF

Projects

PL/0 Compiler: Developed in **C** using **Atom** and compiled through **Ubuntu**. The program would read in a file written in a variant of **PL/0** character by character and check for correct syntax, **parse** through it, check that the types of variables matched the data they contained and then would generate the correct output.

Pathfinder: Developed in **Java** using **Atom** and compiled through **Ubuntu**. The program would read in a 2D character array representing an ASCII Maze with symbols representing either a wall (#), person (@), or exit (e) and using backtracking, would return a **Hash Set** of all possible paths from a person's starting position in the maze to its exit.

Attendance: Currently working on an attendance system through **Google Forms** and **Google Sheets** for a school of over 100 students whereby an assistant can go to each class and take the attendance without disruption.

Skills

- Programming Languages: C, Java
- Web Development: HTML5, CSS3
- Operating Systems: Windows, Ubuntu
- Google: Forms, Sheets, Docs, Slides
- Microsoft Certification: Excel, Word, PowerPoint
- Others: Atom, Command Prompt, Code Blocks

Work History

Computer Science Tutor

05/2019 to Current

Student Academic Resource Center at UCF – Orlando, FL

- Worked with multiple Computer Science students to tutor them in Data Structures and Algorithms in C
- Developed student confidence through attentive instruction and applying positive reinforcement strategies.
- Helped students analyze the runtime of functions using Recurrence Relations and Big O Notation
- Tutor of the Month in July 2019

Media Assistant

02/2019 to Current

HIC Media Team – Sanford, FL

- Livestreamed events to public via YouTube and Facebook
- Worked in a team to maximize efficiency and minimize errors
- Used vMix and other software to transmit different audio and video outputs

Instructor And Paid Intern

09/2016 to 06/2018

Mathnasium of Lake Mary – Lake Mary, FL

- Used Salesforce to log information such as student attendance.
- Tutored kids from grades 1-12 on various topics of Mathematics

Affiliations

- Member of AI @ UCF