Moeez Sohail

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Education

University of Virginia | Bachelor of Science in Computer Science   Expected May 2023
- **Coursework:** Data Structures & Algorithms, Advanced Software Development, Program and Data Representation, Theory of Computation, Digital Logic Design, Discrete Mathematics, Software Testing
- **GPA:** 3.76 / 4.0

Skills

Languages: Java, C++, Python, Javascript, MATLAB
Technologies: JavaFX, HTML5, CSS3, GIT, LaTeX, Django

Work Experience

MITRE Corporation   Remote
Data Analyst Intern   Feb 2020 – Present
- Performed data collection and analysis on COVID-19 misinformation as part of MITRE's SQUINT team to help the medical community identify misinformation trends related to the COVID-19 pandemic

University of Virginia, Department of Computer Science   Charlottesville, VA
Undergraduate Teaching Assistant   Sep 2020 – Present
- Software Development Methods (CS 2110): Introduced basic software development principles with Java
- Held **5+ office hours per week** helping students understand key concepts and offering code help
- Met weekly with several groups of students to ensure they understood course material

Personal Projects

Attendance Manager   Java and JavaFX
- Developed a Java application that makes it easier for teachers to track attendance
- Incorporated the ability to add/remove classes & students and see which students have more than 10 absences
- Created a Graphical User Interface to make it easier to interact with the application and utilize all the features

Minesweeper   Python and Pygame
- Built a simple Minesweeper game in Python using Pygame
- Included the ability to click on different cells to determine how many bombs are surrounding that cell and a method to solve the grid once a bomb is clicked

Involvement

Gar-Field Coders Club   Woodbridge, VA
Vice President   Aug 2018 – May 2019
- Organized weekly meetings to expose high school students to the field of computer science
- Created simple tasks such as coding exercises for club members to complete to develop basic computer science skills
- Hosted coding workshops at a local elementary school to teach young students about the role of technology