Moeez Sohail

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Education

University of Virginia | Bachelor of Science in Computer Science   Aug 2019 – May 2023
- **Coursework:** Data Structures & Algorithms, Advanced Software Development, Program and Data Representation, Theory of Computation, Digital Logic Design, Discrete Mathematics, Software Testing
- **GPA:** 3.763 / 4.0
- **Honors:** Dean's List Fall 2019

Skills

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

Work Experience

University of Virginia, Department of Computer Science   Charlottesville, VA
Undergraduate Teaching Assistant   Sep 2020 – Present
- Software Develop Methods: a second course on software development principles and Java
- Held **2+ office hours per week** helping students understand key concepts and offering code help
- Met weekly with several groups of assigned students to ensure they understood course material

Personal Projects

Attendance Manager   Java and JavaFX
- Developed a Java application that allows teachers to take and view attendance. Teachers also have the ability to add/remove classes, add/remove students, and see which students have more than 10 absences
- Created a Graphical User Interface to make it easier for the user to interact with the application and utilize all the features

Minesweeper   Python and Pygame
- Created a Minesweeper game in Python using Pygame that allows the user to click on different cells to find out how many bombs are surrounding that cell
- Used algorithms to solve the grid once a bomb is clicked

Volunteer Experience

GF 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 importance and role of technology in everyday life