

# Moeez Sohail

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## Education

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### 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
- **Honors:** Dean's List Fall 2019

## Skills

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

## Work Experience

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### 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

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### 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

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### 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 importance and role of technology in everyday life