Talha Rahman

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Education

Hunter College | *B.A. Computer Science*   Expected June 2021

- GPA: 3.73/4.0
- Dean's List | NYC Council Merit Scholar
- Activities: Hunter ACM Club
- Relevant Coursework: Data Structures & Algorithms, Discrete Structures, Computer Architecture I, Calculus and Analytical Geometry, Applied Statistics
- Current Coursework: Computer Architecture II, Computer Theory

Experience

CUNY Tutor Corps | *Computer Science Tutor*   January 2019 - Present

- Helping approximately 20 high school students with Algebra and Computer Science.
- Teaching students how to program games in Scratch, scenes in Virtual Reality with HTML, and complex functions in Java.
- Assisting host teacher in organizing daily lesson plans, projects, and exams.

Projects

Dwarves AI - School Project | *github.com/TalhaR/Dwarves-AI*

- Programmed an AI for a command-line C++ game where dwarves chop down trees, collect food, and build fences in a 2D-array.

Java GUI Calculator - Independent Personal Project | *github.com/TalhaR/Calculator*

- Developed a standard calculator application programmed in Java that can perform basic arithmetic functions.
- Utilized JavaFX for creating the graphical user interface for the application.

Solarize - Independent Personal Project | *github.com/TalhaR/Solar-System*

- Developed an application software that creates an animation of various celestial bodies in our Solar System orbiting around the Sun using Java.
- Utilized JavaFX for creating and designing the front-end application graphics and animations.

Skills

- **Languages**: C++, Java, HTML/CSS, Python, MIPS
- **Tools and Technologies**: Git, Unix, JavaFX, IntelliJ