Tahmim Ahmed

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EDUCATION

NEW JERSEY INSTITUTE OF TECHNOLOGY– Newark, NJ

B.S. in Computer Science (Expected graduation May 2022)

- **GPA:** 3.74
- **Extracurricular Activities:** NJIT ACM , Data Science Special Interest Group, NJIT Programming Team, Volunteer at Daughters of Miriam Senior Care Center
- **Awards and Honors**: NJIT Dean's List (2018-present)

SKILLS

- **Technical Skills**: Python, Java, JavaScript/Node.js, C/C++, HTML/CSS, SQL, PHP, Bash, Linux, Git/Github
- **Interpersonal Skills**: Exceptional leadership, organizational, and analytical skills, Enthusiastic team player, Adaptive, Multilingual

WORK EXPERIENCE

NJ GEAR UP, Paterson, NJ

Mentor,   *June 2019 - August 2019*

- Served as a bridge between students and teacher inside the classroom by typing and displaying example code which helped to supplement the teaching material.
- Mentored more advanced students to program their own Sphero robots to race in obstacle courses and create games such as hot potato, that use the Sphero's motion sensors to detect when it's passed between players.

PROJECTS

Discord Bot

StockMotion

- Developed a multifunctional discord bot using Node.js and the Discord.js library.
- The tone command provides a breakdown of a specified user's possible emotions and feelings by conducting sentimental analysis on their messages through the IBM Watson Tone Analyzer Api.
- The stock command displays real-time market data of a specified stock ticker by utilizing the Twelve Data API's time series data.

Space Invaders

- Recreated the classic Space Invaders arcade game using Python and the PyGame library.
- Players can move around the screen and shoot at targets, earning themselves points.
- User scores are stored and displayed on top of the screen.
- Includes sounds and background music.

Language Interpreter

- Programmed a language interpreter in C++ as part of the course Programming Language Concepts, at NJIT.
- Developed a lexical analyzer, parser, and interpreter for a mock language.
- The language contains variables, expressions, data types, loops, logic, and statements.

RELEVANT COURSEWORK

- Data Structures and Algorithms (Java), Internet Applications (PHP, MySQL, HTML, CSS), Programming Language Concepts (C++), Intensive Programming in Linux (Linux, Bash, C), Data Science