TAN MAHMUD
tanoftheta.github.io

tanishamahmud13@gmail.com
347-813-5022
New York, NY

OBJECTIVE

Senior student in Computer Science seeking professional opportunities in development and data science in the civic sector.

EDUCATION

Hunter College, CUNY   New York, NY
Bachelor of Science in Computer Science**,** Minor in Mathematics   May 2024
Relevant Coursework:
Computer Science and Math: *Data Science, Statistics, Flutter App Development, Digital Product Development*
Political Science: *American Government, Public Policy, Foreign Policy, Contemporary Issues in American Politics, Modern Theory in Politics*

PROJECTS

AudioCard | Product Owner & Full Stack Developer   Site
Javascript, Node.js, Express, React, Bootstrap, TensorFlow, AWS, MySQL, Sequelize ORM, Google Cloud, and Firebase
- Led development efforts on an Agile team for an audio-based flashcard web application that uses automated speech recognition to test its users.
- Set sprint goals, onboarded new developers, and headed research on machine learning models for string matching.

Portfolio Website   Site
Javascript, React, D3.js, Charts.js, HTML, CSS
- Developed and designed a thematic website with interactive visualizations to showcase my skills, projects, and experience.

NYC Trees and Rent   Site
Python, Pandas, Matplotlib, Seaborn, SciPy, NumPy, Jupyter Notebook
- Cleaned and preprocessed data, performed exploratory data analysis, and created data visualizations to uncover insights into the relationship between rent and trees in NYC neighborhoods.

TECHNICAL SKILLS

- **Programming Languages**: Python, R, SQL, JavaScript, C++, HTML, Dart
- **Python Libraries**: Pandas, NumPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow
- **Software:** Microsoft Office Suite, Google Suite, Tableau, GitHub

WORK EXPERIENCE

Restaurant Server   New York, NY
Au Cheval, Ivan Ramen   December 2018 – Present
- Worked full-time in restaurants throughout my full-time college career. This allowed me to serve my local community and sharpen my soft skills in communication, teamwork, time management, and organization.

Classroom Tutor   New York, NY
Reading Partners, Nonprofit   September 2019 – March 2020
- Volunteered in classrooms throughout under-served neighborhoods in NYC to assist elementary-aged students in their reading, writing, and analysis skills.

CERTIFICATES

Professional Certificate in Data Analytics, Google
- **Skills:** SQL, Tableau, R, Spreadsheets, Data Visualization, Data Ethics