

Talha Rahman

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Education

Hunter College | *B.A. Computer Science*

Graduated May 2021

- GPA: 3.84 / 4.0
- Awards: Dean's List, NYC Council Merit Scholar, Peter F. Vallone Scholar
- Activities: Hunter ACM Club, CUNY Tech Prep
- Coursework: Data Structures & Algorithms, Practical Web Development, iOS Development, Operating Systems, Database Management, Computer Architecture, Discrete Structures

Skills

- **Languages**: C++, Java, Python, Swift, JavaScript, HTML, CSS, SQL
- **Technologies**: React, Node, Git/GitHub, Linux, Bash

Projects

Political Atlas - School Project | kkhan01.github.io/political-atlas/

- Developed Web App to view Data Visualizations of emotions in Political Speeches.
- Utilized IBM Tone Analyzer & DeepAffects APIs to analyze text & audio.
- Created Data Visualization graphs with D3.js
- User interface built with React, Gatsby.js & Material UI.
- Backend built with Python, Flask, Apache, SQL & hosted on a DigitalOcean Ubuntu server.

Kuro Anime Tracker - Independent Project | github.com/TalhaR/Kuro

- Developed an iOS App for finding & tracking Animated Media.
- Utilized AniList's GraphQL API for fetching movies & TV Shows.
- Users can browse by Trending, Popularity & Highest Rated Media.
- Users can search for Media along with filters for Genre & Release Year.
- Stored User-favorited media into Core Data.

Sorting Visualizer - Independent Project | talhar.github.io/Sorting-visualizer/

- Developed Web App to visualize popular sorting algorithms.
- Users can adjust array size & sorting speed to better understand each algorithm.
- Used React & Material UI for creating the user interface.

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-plane.
- Used Breadth First Search path-finding to find an optimal route to the nearest resources.

Experience

CUNY Tech Prep | *Software Development Fellow*

June 2020 - Present

- Selected for a technical training program, as one of 183 students out of 400+ applicants.
- Learn in-demand technologies like React, Node, Express, and PostgreSQL as well as industry best practices for design, implementation, and deployment such as MVC, version control with Git/GitHub, agile & Scrum with Trello and Slack, test driven development, and CI/CD.