

Anthony Ramanovich

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Education

CUNY Brooklyn College
B.S. Computer Science

Brooklyn, New York
Graduated June 2023

Projects

Payment Tracker: React, Node.js, MongoDB, Express

- Developed a full-stack web application that allows users to manage their payments
- Server hosted through render
- The Express library allows the front-end website to interact with the back end, making all operations possible
- Data storage on MongoDB makes user information simple to receive and edit
- Allows the user to perform CRUD operations that are synced through a server

Random Quote: React

- Interactive React application that generates and displays a random quote upon click
- Pulls quotes and authors from a JSON file on an external database

Markdown Previewer: React

- React application allowing users to input markdown text and preview the formatted output
- The use of states allows for real time translation in the preview window

Drum Machine: React

- Designed an interactive soundboard enabling allowing to play sounds
- Implemented useEffect to let the soundboard update and play sounds based on key or mouse clicks

Page Ranker: Python

- Imitates the way search engines rank and display links when searching
- Gives each page a rank based on two algorithms
- A random surfer model ranks them based on visits over a specific amount of iterations
- An iterative model ranks them recursively until the ranks no longer change above a threshold

Minesweeper AI: Python

- An AI that will play and solve a minesweeper board
- Using a library of propositional logic, it can know which tiles are safe or mines
- Every new tile revealed creates a new set of logic for an updated mine list
- Improved speed by removing unneeded logical sentences

Skills

Languages: Java, C++, Python, JavaScript

Operating Systems: Windows, Linux

Database: MongoDB, SQL

Version Control: GitHub

Web Development: HTML, CSS, SCSS, Node.js, React

Fluent Languages: English, Russian

Linkdin: <https://www.linkedin.com/in/anthonyramanovich/>

Portfolio: <https://anthonyr2706.github.io/PersonalDemo/>