

Ulukbek Mambetov

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EDUCATION

Hunter College, City University of New York
Bachelor of Arts in Computer Science

Aug. 2018 - May 2022
GPA: 3.4 / 4.0

PROJECTS

Virtual Stock Market

Oct 2023 – Present

- Built a stock market web application using Next.js, Tailwind CSS, and TypeScript, where users could purchase and sell stocks with fake currency.
- Leveraged Supabase Auth for user registration and authentication, while implementing Supabase Database to manage user profiles and stock portfolios through a one-to-many relationship structure.
- Integrated a Stock Market API to facilitate simulated stock trading, offering users detailed symbol data.

Not Twitter

May 2023

- Developed a full-stack web app inspired by Twitter using React, Node.js, Express.js, and MongoDB.
- Implemented secure user registration, authentication, and authorization with JWT tokens.
- Integrated AWS S3 for storage of users' profile, banner, and tweet images.
- Established and configured a MongoDB database system to proficiently manage and store all non-image user data.

Guessify

Oct 2022

- Created interactive Spotify web app with Spotify Web API and React.js, hosting a "Guess That Song" game and leaderboard.
- Allowed users to select playlists, listen to previews, and guess song titles; high scores were tracked in AWS DynamoDB.
- Incorporated the Spotify API to retrieve and display users' top artists, tracks, and detailed artist information, providing time range filters for customization.

Movie Buddy

May 2022

- Worked in a group Capstone class project, leading the group to successfully meet deadlines and ensuring the timely delivery of the product.
- Developed key frontend features in React and Material UI, enabling smooth navigation for users to effortlessly discover personalized movie recommendations.
- Employed AWS Amplify and GraphQL for effortless user queries on favorite and watched movies in DynamoDB.

Sorting Algorithms Visualizer

Aug 2023

- Developed a sorting algorithm visualizer in React, showcasing quick sort, merge sort, and other algorithms. Enabling interactive exploration of sorting processes, to develop a better understanding of algorithms.

ADDITIONAL INFORMATION

Languages: JavaScript, TypeScript, Python, HTML/CSS, SQL, C++, Swift

Frameworks and Libraries: React.js, Next.js, Node.js, Express.js, Tailwind CSS, MUI, Bootstrap

Other: Git, AWS (Amplify, Cognito, DynamoDB, S3), MongoDB, RESTful APIs, JWT, MySQL, Postman, Vercel

Awards/Honors: Dean's List: Spring 2021, Fall 2021, Spring 2022

WORK EXPERIENCE

Net Cost Market

Grocery Store Cashier

Aug 2019 – Present

- Managed cash transactions and provided excellent customer service in accordance with store policies.