

Ulukbek Mambetov

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EDUCATION

Hunter College, City University of New York

Aug 2018 – May 2022

Bachelor of Arts in Computer Science

GPA: 3.4 / 4.0

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

SKILLS

Languages: JavaScript, TypeScript, Python, HTML/CSS, SQL

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

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

PERSONAL PROJECTS

Virtual Stock Market | *Next.js, Redux, TypeScript, Tailwind CSS, Supabase, FMP API*

Feb 2024

- Built a stock market web application where users could simulate stock trading with virtual currency.
- Incorporated 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.
- Implemented Redux to optimize state management, reducing redundant API calls to Supabase by 50% and boosting performance by 30%.
- Utilized the Financial Modeling Prep API to retrieve and incorporate stock ticker data

Not Twitter | *MongoDB, Express.js, React, Node.js, AWS S3, Bootstrap*

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 | *React, AWS DynamoDB, Spotify Web API*

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 | *React, AWS Cognito, AWS Amplify, GraphQL, Material UI*

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.

WORK EXPERIENCE

Net Cost Market

Grocery Store Cashier

Aug 2019 – Present

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