

# Ulukbek Mambetov

ulukbekmambetov@gmail.com | ulukbek.com | github.com/UlukbekM

## EDUCATION

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### Hunter College, City University of New York

*Master of Arts in Computer Science*

*Bachelor of Arts in Computer Science*

**Expected Dec. 2026**

**May 2022**

## PROJECTS

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### Virtual Stock Market | *Next.js, TypeScript, Redux, Tailwind CSS, PostgreSQL, Supabase*

- Developed a stock market simulation platform where users could trade real-world stocks using virtual currency.
- Integrated Supabase for authentication and database management, simplifying user registration and authentication processes
- Designed and implemented a one-to-many relationship in Supabase's PostgreSQL database, enabling efficient portfolio management and data retrieval
- Optimized state management by implementing Redux, reducing API calls to Supabase by 50%, and improving load times by 30%.

### Faceit Stats | *Next.js, TypeScript, Tailwind CSS, FACEIT API*

- Developed a platform that provides users with a detailed overview of their performance and statistics in FACEIT matches.
- Integrated the FACEIT API to fetch match history, player stats, and performance metrics.
- Implemented a search feature that enabled efficient queries across 100,000+ users and matches.
- Designed a responsive user interface with React and Tailwind CSS for intuitive navigation and data visualization.

### Guessify | *React, AWS DynamoDB, Spotify Web API*

- Launched a web application that delivers users detailed Spotify listening statistics and an interactive music quiz experience.
- Implemented a "Guess the Song" feature that lets users guess the title of the song based on a short audio clip from a selection of all public Spotify playlists.
- Integrated AWS DynamoDB to manage and persist high scores per playlist of "Guess the Song".
- Secured communication with the Spotify API using bearer tokens, protecting user data and ensuring authorized access.

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

- Built and deployed a full-stack social web app enabling users to post tweets, reply, and upload images.
- Designed a secure user management system using Node.js, Express.js, and JWT.
- Integrated AWS S3 for image storage and MongoDB for user data, improving scalability and efficiency.

## SKILLS

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

Frameworks & Libraries: Next.js, React, Node.js, Tailwind CSS, Redux, Express.js, Django

Technologies: AWS, PostgreSQL, Docker, Supabase, MongoDB, JWT, GraphQL, RESTful APIs

## WORK EXPERIENCE

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### Net Cost Market

*Cashier*

**Aug. 2019 – Present**

*Brooklyn, NY*

- Handle customer transactions, ensuring accurate payment processing and delivering excellent service.