Chris Barwicki

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EDUCATION

Hunter College New York, NY
Bachelor of Arts in Computer Science

Brooklyn Technical High School Brooklyn, NY
High School Diploma

PROJECTS

Yugioh Deck Editor | *React.js*
- Developed a front-end application in React.js which lets the user to build their own deck for the Yugioh Trading Card Game.
- Implemented integration with a public API which has information on over 13,000 Yugioh cards.
- Hosted over 26,000 images of cards using AWS S3 cloud storage.
- Features an extensive search filter with multiple options for filtering cards based on various criteria.

Music Controller | *Python, Django, React.js*
- Developed a full-stack application which uses a RESTful API to act as a collaborative music playing system.
- Implemented Spotify API integration to enable application-based music playback control.
- The host user can create a room, which others using the application can join by entering the room code.
- Features include pausing or unpausing the music currently being played, as well as voting to skip the current song being played.

Web Reads | *React.js, Express.js, MongoDB*
- Integrated machine learning models into back-end systems with Express.js to analyze reading patterns and suggest relevant books, optimizing recommendation quality.
- Uses K-means clustering to determine which books a user would be most likely to want to read next.
- Developed user profile creation functionality allowing customizable background colors and icon selections.
- User's login information and well as their list of liked books is stored in a MongoDB database.

Campus Management System | *React.js, Express.js, Postgres*
- Built a full-stack campus management system that supports CRUD operations for student, faculty, and course records.
- Users can add colleges as well as students, which are all stored in a Postgres database.
- Users can edit any information about the students or colleges, such as their profile picture, the school's address, or the student's GPA and email address.

WORK EXPERIENCE

Hospital Pharmacy Technician September 2024 – Present
Maimonides Medical Center *Brooklyn, NY*
- Filled medication and delivered them to units around the hospital with a sense of urgency.
- Maintained inventory by restocking medication throughout the pharmacy whenever necessary.
- Answered phone calls to the pharmacy in a professional manner.

TECHNICAL SKILLS

Languages: Python, Javascript, C/C++, SQL, HTML/CSS
Frameworks: React, Node.js, Django, Express.js, Tailwindcss, Material-UI
Developer Tools: Git, AWS, VS Code, Visual Studio