

Tyler Wong

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EDUCATION

Fordham University

Bachelor of Science in Computer Science

GPA: 3.91 / 4.00

New York City, NY

May 2026

Relevant Coursework: Computer Algorithms, Data Structures, Computer Organization, Machine Learning, Internet & Web Programming, Database Systems, Data Communications & Networks, Computer Science I & II

Honors + Awards: Fordham University Dean's List, Fordham University Emerging Leaders (FUEL) Award

PROJECTS

Cryptocurrency Trader Dashboard | *React.js, Node.js, Express.js, MongoDB, HTML, CSS*

- Engineered a responsive trading dashboard to track cryptocurrency prices, market trends, and portfolio performance.
- Integrated the CoinMarketCap API to dynamically display real-time market data, enabling users to make informed trading decisions.
- Developed features such as simulated cryptocurrency buying, selling, and portfolio management with secure transaction history storage.
- Utilized React.js for a seamless user interface and Node.js, Express.js, and MongoDB for efficient and scalable backend operations.

PopcornPix E-Commerce Store | *React.js, Node.js, Express.js, MongoDB, HTML, Tailwind CSS*

- Built a dynamic e-commerce platform using React.js, Node.js, and Express.js, integrating the OMDb API to display movie listings, prices, and details, treating movies as rentable/buyable products.
- Implemented OAuth 2.0 for secure user authentication, enabling personalized shopping experiences and account management.
- Created features such as advanced search functionality, product filtering, and a secure checkout process to enhance user experience.
- Leveraged MongoDB to store user profiles, order histories, and cart data, ensuring efficient and scalable data management.

Internship Search Optimizer | *Node.js, Express.js, React.js, Custom Search JSON API, HTML, Tailwind CSS*

- Developed a full-stack web app using Node.js, Express.js, and React, integrating the Google Search API to fetch real-time internship listings based on job title, location, and date posted.
- Optimized search efficiency by implementing asynchronous API calls and query batching, reducing manual internship search time by 50% through automated data aggregation.
- Created a responsive React frontend to display job results dynamically, allowing users to browse and access relevant internship opportunities quickly.
- Architected a modular backend with Express.js, ensuring flexibility for adding new search parameters and expanding to different job markets beyond internships.

EXTRACURRICULAR EXPERIENCE

Fordham University Computer Science Society

Club Member

New York City, NY

September 2022 - PRESENT

- Actively participated in meetings and discussions on current trends and advancements in computer science, contributing to the growth of the student community.
- Assisted in organizing events and activities to foster collaboration and knowledge-sharing among members interested in technology and computer science.

SKILLS

Programming Languages: Python, JavaScript, HTML, CSS

Technologies: MongoDB, Express.js, React.js, Node.js (MERN), Tailwind CSS

Developer Tools: Git, GitHub, Microsoft Office Suite, Google Workspace