

Xing Chen

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EDUCATION

Hunter College

Bachelor of Arts in Computer Science, Minor in Math

GPA: 3.80

Manhattan, NY

Expected: December 2024

TECHNICAL SKILLS

Languages: Python, JavaScript, C++, PHP, Kotlin, SQL, HTML/CSS

Frameworks: React, Material-UI, Bootstrap

Developer Tools: Node.js, Git, MongoDB, VS Code, Firebase, Android Studio, Jupyter Notebook

Libraries: pandas, NumPy, Matplotlib, scikit-learn, Express.JS, Selenium, BeautifulSoup, Redux

EXPERIENCE

Fullstack Software Developer Intern

July 2023 – Present

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New York, NY

- Actively contributing to the development of a dynamic website, developing new features with PHP and connecting to a MySQL with AJAX and Javascript

Machine Learning/Artificial Intelligence Fellow

June 2023 – Present

Break Through Tech @Cornell Tech

New York, NY

- Conducted extensive data preprocessing, cleaning, and feature engineering to optimize the performance of machine learning algorithms with NumPy, pandas, and scikit-learn
- Utilized Python and scikit-learn to implement and train machine learning models with various algorithms, leveraging Jupyter Notebook for experimentation and visualization

Information Technology Intern

July 2022 – September 2022

NYC Department of Youth and Community Development

New York, NY

- Completed and deployed a SQL Server Reporting Services (SSRS) report to accelerate retrieval of relevant customer data and provide visualization of customer data for the agency
- Employed SQL Server Management Studio to retrieve data across 10+ years from an internal database to incorporate into an SSRS report that dynamically adjusts based on user-defined filters
- Updated internal databases with improved descriptions for over 100 reports to enhance understandability

PROJECTS

EquityTrace | MongoDB, Express.js, React.js, Node.js, Tradier API, Redux

April 2023 - Present

- Designed and developed a full-stack web application leveraging the Tradier REST API to facilitate real-time stock data retrieval, responsive updating of search results per user input, and enabled users to trade and track stocks
- Utilized MongoDB, Node.js, and Express.js for the backend to develop RESTful APIs, securely store and manage data, and handle user authentication and authorization
- Enhanced user experience by utilizing Redux for state management and React for crafting intuitive user interfaces

Sports Betting Tracker | Python, Selenium, Discord API, Everygame API

January 2023 - April 2023

- Created a Discord bot by connecting with the Discord API to send messages, notify users, read user commands, and perform calculations
- Leveraged Everygame.eu API and Python Selenium to capture sports game data every 10 seconds allowing users to view recent game odd movements for sports games

TickStock | Android Studio, Back4App, Kotlin, Polygon API

March 2022 - April 2022

- Engineered an Android application that provides real-time financial news, stock prices, and account management features, employing Kotlin in Android Studio and leveraging Polygon API for accurate stock data retrieval
- Led 2 team members by assigning responsibilities and maintaining frequent communication to ensure project milestones were met on schedule

CERTIFICATIONS

Android Development with Honors (Codepath)

December 2022

- Developed Android CRUD applications in a 12 weeks project based intensive Android development program