Xing Chen

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EDUCATION

Hunter College   New York, NY
Bachelor of Arts in Computer Science, Minor in Math   *Expected: December 2024*
GPA: 3.80

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
Certifications: Codepath Android Development with Honors (April 2022)

EXPERIENCE

Fullstack Software Developer Intern   July 2023 – Present
Unadat   *New York, NY*
- Collaborated with the UX design team of 4 to conceptualize and implement user-centric design enhancements for a web application, improving overall user experience and usability
- Contributed to the development of a dynamic website by programming new features using PHP, AJAX, and JavaScript, ensuring enhanced functionality and interactivity and established efficient MySQL database connections for effective data handling

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 sckit-learn
- Utilized Python and scikit-learn to implement and train machine learning models with various algorithms, leveraging Jupyter Notebook for 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 readability and understandability for a team of 10

PROJECTS

EquityTrace | *MongoDB, Express.js, React.js, Node.js, Tradier API, Redux*   April 2023 - July 2023
- 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
- Developed a fullstack Android application that provides real-time financial news, stock prices, and account management features with 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