Fredy G. Sorto

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EDUCATION

New York Institute of Technology | New York, NY Sep. 2019 – May 2023

Bachelor of Science in Computer Science *Cumulative GPA: 3.6*

Academic Honors: 3x Presidential Honor List, 1x Dean's List

Coursework: Data Structures, Operating Systems, Discrete Math, Database Management, Algorithms, Web Multimedia Development, Intro to Software Engineering, Artificial Intelligence, Internet Programming, Computer Architecture

SKLLS & TECHNICAL TOOLS

Languages: Java, Python, Swift, SQL, HTML/CSS, JavaScript
Frameworks: ReactJS, React Native, Node.js, Bootstrap, Expo
Developer Tools: Git, IntelliJ, PyCharm, VS Code, Eclipse IDE, Xcode, Apache Tomcat Server, Google Colab, Azure AD
Libraries: Redux, React Router, React Navigation, Material-UI, Mantine-UI, NumPy, pandas, Matplotlib

EXPERIENCE

Information Technology Intern Feb. 2023 – Nov. 2023

New York City Football Club *New York, NY*

- Directed the enhancement of NYCFC's technological infrastructure, administering Azure Active Directory and Intune to fortify security protocols and refine device management, thereby guaranteeing uninterrupted operations and rigorous adherence to cybersecurity standards
- Demonstrated exceptional proficiency in IT support by skillfully navigating the resolution of over 400 Zendesk technical support inquiries, representing a substantial proportion of the ticket volume during my tenure, and thereby markedly diminishing the backlog while elevating client satisfaction
- Assumed a pivotal role in the orchestration of game-day technological setups, meticulously configuring and implementing network systems, which was instrumental in facilitating the club's seamless technology functions amid demanding events conditions

PROJECTS

Aware City App | *React Native, JavaScript* Jan. 2023 – May 2023

- Led the design of the map screen within the mobile app, creating a user-centered interface with Google Maps integration, allowing for real-time location of shelters, food pantries, and soup kitchens, and improving accessibility for houseless individuals
- Devised and implemented a data structure and algorithm to dynamically sort resource listings based on user proximity, coupled with a custom web scraper for collecting resource data, significantly enhancing app functionality and user experience

AI Stock Predictor | *Python, Google Colab* Apr. 2023 – May 2023

- Crafted a sentiment analysis component using NLTK to process and score sentiment from Yahoo Finance headlines, influencing predictive stock trading decisions for Tesla based on nuanced market sentiment insights
- Implemented and fine-tuned machine learning models, including Support Vector Regression and Linear Regression, using scikit-learn to forecast stock price movements based on sentiment analysis outcomes

Money Management Tool | *ReactJS, Node.js, Google Firebase* Oct. 2022 – Dec. 2022

- Spearheaded the development of a user-centric expense tracking web application for youth, utilizing ReactJS to craft interactive interfaces that demystify financial management and promote literacy
- Architected a secure and efficient backend with Node.js and Google Firestore, enabling robust user authentication and meticulous tracking of personal income and expenses in adherence to the Waterfall development methodology

Weather Drip iOS | *Swift, Xcode* Feb. 2022 – May 2022

- Developed a feature written in Swift on Xcode that analyzes temperature trends, offering users smart clothing suggestions for effective daily planning and personalized guidance
- Integrated the AccuWeather API for up-to-the-minute weather forecasting, ensuring the app provides precise information for optimal user experience and daily planning