FACUNDO LOPEZ CAMINO

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Education

Stony Brook University   **Sep 2019 – May 2023**
*Bachelor of Computer Science — **GPA: 3.5***   *Stony Brook, NY*
- Relevant Coursework: Software Engineering, Scripting Languages, Algorithm Design, Systems Fundamentals, Computer NetworksNatural Language Processing, Machine Learning, Data Science

Work Experience

Zebra Technologies   **October 2020 – Current**
Quality Technician I   *Hauppauge, NY*
- Utilize company ADB programs to execute scripts that load necessary builds into TC26 Android devices, streamlining the job preparation process and ensuring consistent build installations.
- Implement and maintain comprehensive quality control procedures and documentation, contributing to a significant reduction in product defects and customer complaints.
- Regularly communicate daily validation results to the supervisor, providing detailed insights into performance metrics and contributing to data-driven decision-making processes.
- Implement an efficient system for organizing and labeling scanners post-QC, facilitating seamless retrieval and expediting shipping processes.

Projects

Sheet2App | *Website* | *Source Code*   **ReactJS | NodeJS | MongoDB**
- Led a team in the development of a user-friendly application following Agile methodology, allowing users to import spreadsheets and make simple applications without requiring coding knowledge.
- Implemented full-stack development, contributing to both front end and back end functionalities using JavaScript, MongoDB, Node.js, and Express.js.
- Designed and implemented role management features, allowing different access levels for users within the same sheet.

StackOverflow Clone | *Website* | *Source Code*   **ReactJS | NodeJS | SQL**
- Developed a Stack Overflow clone using JavaScript, React, Express, NodeJS, and MySQL.
- Implemented features that allows users to create profiles, ask questions, answer questions, search for questions or answers based on filters, add comments on questions, and upvote/downvote questions, comments, and answers.
- Utilized and maintained a MySQL database to store user profile data, reputation, questions, answers, and comments.

Precision Question Answering | *Google Notebook*   **Python | Pytorch | Tensorflow**
- Developed and trained an NLP model specifically tailored to answer binary (yes/no) questions with a focus on high accuracy.
- Applied advanced preprocessing and feature engineering to optimize the model for accurate binary question answering.
- Iteratively trained the model to achieve high accuracy at responding to yes or no questions, showcasing its natural language understanding proficiency.

Chirp - Enhanced Bird Watching   **Kotlin | Android SDK | Firebase**
- Spearheading the development of an Android application enabling users to log bird sightings and upload pictures, enhancing their birdwatching experience through seamless data collection and sharing functionalities.
- Designed the app architecture with scalability in mind, utilizing modular components and scalable database structures to lay the groundwork for future capabilities such as image recognition.
- Integrated Google Maps API to provide users with interactive mapping features, allowing them to visualize their bird sightings geographically and explore nearby birdwatching hotspots with ease.

Skills

Programming Languages: Python, Java, JavaScript, TypeScript, Kotlin, SQL, HTML5, CSS, C, C++, Swift

Developer Tools: Postman, PowerBI, Git, JUnit, Android Studio

Libraries/Frameworks: AWS, ReactJS, PostgreSQL, Spring Boot, NodeJS, Azure, Docker, .NET