LINDITA KALAJ
Software Engineer

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EDUCATION

CUNY - Queens College - Bachelors of Arts, Computer Science | Honors | Dean's List | GPA 3.83   2022
Relevant Courses: Internet and Web Technologies, Data Structures, Analysis Of Algorithms, Databases, Cloud Computing, Theory of Computation, Object Oriented Programming

TECHNICAL SKILLS

Languages: HTML, CSS, JavaScript, PHP, Java, Python, C++, Lisp
Back End/Database: Node.js, Flask, PostgreSQL, MySQL, SQLite
Frameworks/Libraries: React.js, Node.js, Next.js, Bootstrap, Tailwind, NumPy, TensorFlow
Other: Agile, Git, REST APIs, Android, Amazon AWS, Google Cloud, Docker, Kubernetes

PROJECTS

Split Check   ***Demo***
An android app written in Java designed to split restaurant bills by items.
- Devised a customized algorithm utilizing MLKit for identifying text on receipts which pairs items with their associated prices while disregarding irrelevant text
- Designed and implemented a database utilizing SQLite, providing users with access to historical records of receipts

Clippy Desktop Pet   ***GitHub***
A Python desktop pet utilizing OpenAI's ChatGPT API for natural language task assistance.
- Integrated the OpenAI GPT 3.5-Turbo API to enable Clippy to provide interactive responses to user inputs
- Developed the GUI using the PyQT6 framework
- Implemented PyQT framework to animate static hand-drawn images by utilizing states, enabling smooth transitions between sleep and awake animations

Vector Remote Control   ***GitHub***
A Python GUI to remotely control the Vector robot and perform tasks via camera live feed.
- Developed the Remote Control GUI using Tkinter and CustomTkinter library
- Utilized OpenAI's ChatGPT API to implement an engaging and interactive experience with the Vector Robot
- Utilized Vectors Alpha SDK to enable remote control of the robot's movements, speech, and live camera feed through the GUI

EXPERIENCE

Girls Who Code at Queens College   2021-2022
Mentor   New York, NY
- Mentored 10 students individually, using effective troubleshooting skills to help them overcome challenges and improve their problem-solving abilities. As a result, there was an average improvement of 25% in their grades and an increase in their confidence and problem solving skills