CLAIRE GUO

1ST YEAR SOFTWARE ENGINEERING STUDENT

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- Proficient in Java, Python, Javascript, C, CSS, HTML, with experience in Swift
- Experience in ReactJS, TailwindCSS, Figma, Git, Github, Flask, RESTful APIs, OpenAI, and Excel
- Designed and assisted in developing two iOS apps using Figma and Swift

NOTABLE PROJECTS

LemonAid / IgnitionHacks 2024

Developed an AI-powered pantry app which can read, estimate and remind users of expiration dates with a picture.
- Utilized Python for backend development and ReactJS with Tailwind CSS for frontend design.
- Used the Flask framework to create RESTful APIs and OpenAI API for image recognition and high-accuracy expiration date prediction in the backend

PROFESSIONAL EXPERIENCE

Website Developer / Richmond Hill World of Life Christian Church   June 2024 - Aug 2024
- Collaborated with a team to design and develop a responsive church website using HTML, CSS, and JavaScript.
- Utilized jQuery for interactive elements and improved user experience.
- Implemented Retina.js for high-resolution image support and Wow.js for scroll animations.
- Ensured cross-browser compatibility and responsive design for optimal performance on various devices.
- Successfully prepared the website for its launch using Cloudflare in mid-August, enhancing the church's online presence and community interaction.

iOS Mobile App Developer / Digitera Interactive   Apr 2023 - Jun 2023
- Developed an iOS mobile app using Swift and Xcode to streamline registration for an exposition.
- Designed and programmed multiple pages to display event details, speaker information, and other relevant content.
- Implemented secure payment functionality to allow users to complete their registration directly within the app.
- Focused on delivering a user-friendly interface and smooth user experience.
- Successfully prepared the app for its upcoming release, aimed at enhancing attendee experience.

UI/UX Designer / Digitera Interactive   Jul 2022 - Apr 2023
- Served as the primary UI/UX designer, collaborating closely with the CEO of Digitera.
- Prom Planner: Designed an app to streamline prom planning, including features for booking
- Mobile Entertainment Exposition: Created an app to facilitate registration for an exposition, as well as providing users with detailed event and speaker information.
- Focused on creating intuitive and engaging user experiences that align with the clients' goals.
- Successfully delivered comprehensive designs that contributed to their development and upcoming releases

EDUCATION

Bachelor of Software Engineering / University of Waterloo   Sept 2024 - May 2029
- Software Engineering Major with an anticipated Artificial Intelligence Specialization   **(Anticipated)**

Ontario Secondary School Diploma   Sept 2020 - June 2024
Richmond Hill High School
- Graduated with a 99% average
- Faculty's Award of Excellence in the Maths and Sciences Subjects (2024)
- Faculty's Award of Excellence in Maths (2021, 2022)

ADDITIONAL INFORMATION

- **Languages:** English, French, Mandarin.
- **Awards/Activities:** YRHacks Best Beginner Hack (2024), Top 4.9% CSMC 2023, CEMC Canadian Computer Contest Honour Roll (2023), Distinction (2022, 2024)
- **Technical Skills:** Java, Python, Javascript, CSS, HTML, Swift, Figma, Git, Github, Excel, iOS, ReactJS, TailwindCSS, C