

Darren Ooi

Software Engineering
Student

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About Me

Dedicated aspiring software engineer with a strong foundation in full-stack web development, demonstrating proficiency in technical skills and problem-solving. I possess effective communication abilities and am actively seeking opportunities to expand my horizons and gain hands-on experience. I am committed to continuous learning and adaptable to the ever-evolving technology landscape.

Education



Bachelor of Engineering(Honours) **Specialisation: Software**

The University of Queensland 2022-present
GPA to date: 5.7/7

Expected graduation date : June 2024



Bachelor of Engineering(Honours)/Information Technology

Queensland University of Technology 2020-2022 (Transferred)
GPA: 6.33/7

Dean's List of Students with Excellent Academic Performance [semester 2 2020]

Work Experience



Research Assistant, The University of Queensland **(NOV 2023-present)**

- Conduct research within the domain of Security and Privacy, engaging in comprehensive literature reviews and data gathering, demonstrating analytical and critical thinking abilities.
- Automate web scraping/crawling procedures to collect data effectively, ensuring relevance and accuracy in research findings.
- Apply machine learning models to process collected data, deriving valuable and actionable insights to enhance research outcomes.



Sales Assistant, UNIQLO **(JUN 2022-present)**

- Delivering exceptional customer service through excellent communication skills and active listening to customers' needs and preferences.
- Proficient in working collaboratively with team members to achieve sales targets and enhance customer satisfaction.
- Handle customer inquiries, complaints, and returns with empathy and respect in a timely manner, exhibiting conflict resolution skills.



Sales Assistant, Timberland **(DEC 2021- FEB 2022)**

- Conveyed product information and promotions clearly and effectively to customers and colleagues, demonstrating excellent communication skills.
- Collaborated effectively with team members to achieve sales targets, foster a positive work environment, and contribute to the store's overall success.
- Responded quickly to unexpected changes in product inventory/ unexpected increase in customer traffic, displaying ability to adapt to change in a fast-paced environment.

Relevant Skills

Experienced with:

HTML, CSS, JavaScript, TypeScript, React.js, Next.js, Node.js, Express.js, Docker, Java, C# , Python, PHP and CodeIgniter, Tailwind CSS , SQL

- Problem Solving
- Team Communication
- Customer Service
- Sales
- Conflict Resolution

Projects

Just The Facts (2023):

As the lead front-end developer within a team of five, a web application was developed to counter bias in news reporting by utilising the capabilities of a large language model. It aims to purge emotionally charged language from news content, ensuring that readers are presented with comprehensive, unbiased facts. The front-end of this app was built using Next.js and JavaScript while the back-end was built using Python and Flask.

Ecommerce Web App (2023):

Assisted a software engineer in developing a web application for an online business to streamline management of inventory, orders and clients. This app has been built using Next.js and Typescript, and it is seamlessly connected to a PostgreSQL database with Prisma. GitLab was utilised for CI/CD processes, task management and issue tracking.

Privacy Policy Analyser App (2023):

A web-based privacy policy analyser that presents users with a thorough analysis of a privacy policy by inputting a URL. The front-end of this application was built using Next.js and Typescript, while the back-end of the application was developed using Python and Flask.

Atlantis Sinks Game (2022): Collaborated with a team of students to develop a tower defence game using the libGDX game engine and Java. Logging tool slf4j , UML sequence diagrams and GitHub feature/task tickets were utilised.

World Happiness Ranking App(2021):

A web application that aims to provide users with a convenient way to view, analyse and visualise data from The World Happiness Report. The front-end was developed with React.js while the back-end is a Restful Express API that interacts with a MySQL database. The API enables access to World Happiness Rankings data with filtering, authentication and profile management features. SwaggerUI was utilised for ease of understanding, interacting and testing the API.

Extracurricular & Interests

- Member of UQ Fintech, UQ Computing Society, UQ Malaysian Student Association
- Enjoys playing football and reading
- Watch enthusiast and avid traveller

Languages

English (Native Proficiency)
Mandarin Chinese (Native Proficiency)

Cantonese (Professional working Proficiency)
Malay (Limited working Proficiency)

References

Available upon request