Nicholas Tan

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Career Objective

Kia ora, I am a penultimate Computer Science and Psychology student studying at the University of Auckland. I have a passion for machine learning and front-end web development, which are the fields I am hoping to work in after I graduate in November 2025.

I have an inherent desire to learn more and improve my skills, as there is always room to expand one's knowledge. I also enjoy collaborating with others and the resulting reciprocal exchange of knowledge and skills that comes from working in a team.

Skills

Communication and People Skills
- Dealing with miscommunication: While developing a website, I discovered that various teams were implementing different designs. This occurred because the final design was not being properly communicated to all team members. I met with the team leaders to clarify which final design we were using before we got too far into implementation.
- Conflict resolution: Developed from years of working in customer facing roles. In the event of conflict or disagreement, I have had to de-escalate by being understanding of any qualms spoken and doing my best to suggest possible solutions with them.

Front End Development
- Consistent implementation: The web-app we were developing had inconsistent styling for many elements between different pages. It was my responsibility that the elements were all consistent in colouring, size, location and padding, etc...
- Responsiveness : A website was designed as part of our development team project without responsiveness in mind. I had to implement responsiveness into pages so they would be consistent across devices.

Problem Solving
- Debugging: I could not perform an API call despite authentication working fine. Through console logging, I discovered that my useEffect hook was requesting an access token twice due to React Strict mode, causing the access token to be invalid.
- Observant: I discovered that the milk had not been ordered the previous day, meaning we had very low stock to sell. I sprung up the idea of calling other New Worlds and asking if they would be willing to give us any milk. A store lent us a portion of their stock, saving our department from bad customer experiences and losing sales..

Learning
- Motivation: I am extremely motivated to learn as much as I possibly can in areas that can apply my analytical, social and creative skills. I learn quickly and easily as I can understand concepts easily.

Experience

Project Member - WDCC UoA   **2024 - Current**
I am volunteering as a full-stack developer at WDCC, building the University of
Auckland Dessert Society club website as part of an agile team.

Chilled Assistant - New World Kumeu   **2023 - Current**

Chilled Assistant - PaknSave Westgate   **2022 - 2023**

Crew Member - Huapai Roast   **2018 - 2022**

Education

BSc (Computer Science and Psychology) at University of Auckland   2023 - Current

Technical Skills

Python
- Gained experience in python through university courses.
- Developed an object-oriented solitaire program as part of an assignment.

Javascript
- Learned JS through projects like a club website and a Spotify API webapp.
- Gained understanding on how API calls and OAuth works by calling the Spotify API in my personal webapp.

Other Languages I am familiar with: C, Java

Project Experience

UoA Dessert Society Website as part of WDCC UoA   **2024**

Currently working in a team of 10 people to create a website for the UoA Dessert Society. Gained experience working in a team, such as reporting at weekly standups, working together at weekly in-person meetings, using Jira and git. I was responsible for the initial design and worked on the front-end home and sponsors page with two other teammates.
Key tools / skills:
- Figma, TS, CSS, HTML, React, Tailwind CSS, MongoDB, Express

Spotify API Webapp personal project   **2024**

In the process of finishing off a React webapp that uses the Spotify API to show a user's top listened statistics. I undertook this project alone, and this was a huge learning experience for me as I had no assistance with me so I had to rely on documentation and tutorials to guide me. I gained more familiarity with Javascript and React, and learned how API calls and authentication works.

Personal Interests

One of my main interests is reading literature and watching films. I also love discovering new music and have, in the last 2 years, developed a love for weightlifting even though I am not very good at it..

References

Guopei Li, Owner of Huapai Roast,
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