

Stephen Parinas

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TECHNICAL SKILLS

- **Languages:** TypeScript, JavaScript, C#, Python, Java, SQL
- **Tools/Frameworks:** Angular, React, HTML/CSS, .NET, Flask, Git

PROFESSIONAL WORK EXPERIENCE

Tidy International

Jun 2023 – Present

Graduate Software Engineer | Nov 2023 – Present

Auckland, NZ

- Collaborating with a team of 5-10 engineers to design, develop and release Tidy's next-generation cloud-based software, integrating solutions to streamline operations and enhance workflows across various business domains.
- Implementing new features, optimising app performance and improving user experience using Angular/TypeScript and ASP.NET Core/C#.
- Analysing customer feature requests to translate feedback into actionable development plans, driving continuous improvement of Tidy's new and existing software products.
- Delivering technical support by addressing customer queries and troubleshooting software bugs, ensuring prompt resolution of issues to maintain high user satisfaction.

Software Engineer Intern | Jun 2023 – Nov 2023

- Integrated Tidy's clinic management software with Sidexis, a dental imaging software, enhancing operational efficiency for dental professionals.
- Conducted user research and gathered requirements by collaborating with healthcare professionals from Tauranga OMS, ensuring solutions aligned with clinical needs.
- Developed a .NET desktop app for real-time transfer of patient data, optimising workflows in dental clinics.

OTHER WORK EXPERIENCE

The University of Auckland

Nov 2020 – Nov 2023

Teaching Assistant | Jul 2021 – Nov 2023

Auckland, NZ

- Assisted in conducting tutorial sessions for groups of up to 30 students, helping them to understand concepts and complete lab exercises and projects.
- Graded exams, tests and assignments for Engineering Science courses, ensuring fair assessment and providing constructive feedback to support student learning.

Summer Research Student | Nov 2022 – Feb 2023

- Evaluated and tested a deep learning model for segmenting 3D cardiac MRI scans to obtain reliable, patient-specific heart structures and help guide treatment decisions.
- Implemented Python code to train the model and analyse segmentation accuracy.
- Collaborated with research team members and presented findings, providing valuable insights to ongoing projects.

Summer Research Student | Nov 2020 – Feb 2021

- Analysed scientific literature to annotate computational models of cellular processes such as calcium dynamics.
- Tested and evaluated a web interface that uses natural language processing to query these models, improving their accessibility and reusability for researchers.

Catch a Fish Takeaway

Jun 2019 – Oct 2020

Casual Shop Assistant

Auckland, NZ

- Delivered friendly and efficient customer service in a fast-paced environment, ensuring smooth operations at peak hours.
- Handled cash and electronic payments accurately, and packaged food orders quickly and neatly, ensuring consistent presentation and customer satisfaction.

EDUCATION

The University of Auckland

2019 – 2023

Bachelor of Engineering (Honours) / Bachelor of Science conjoint

- Majored in Biomedical Engineering and Pharmacology (awarded First Class Honours).
- Awarded the Academic Potential Scholarship, valued at \$20,000.
- Awarded First in Course for six courses, including digital signal processing, engineering computation & software development, pharmacokinetics, pharmacology & toxicology, biophysics, and Te Ao Māori.
- Recognised on the Faculty of Engineering Dean's Honours List from 2019 to 2022.

PERSONAL PROJECTS

Portfolio Website

2025

<https://github.com/stephen-parinas/portfolio-website>

- Implemented a personal portfolio website to display my relevant work history and showcase some of my projects.
- Utilised React, JavaScript, Tailwind CSS and Vite to learn more about different frontend technologies and frameworks.

Last.fm to Spotify Playlist Generator

2023

<https://github.com/stephen-parinas/lastfm-to-spotify>

- Developed an application which extracts data from last.fm, a website that records personal music listening, to create a Spotify playlist of a user's top songs.
- Utilised public APIs to obtain music data, and learnt the Flask framework to construct an interactive web interface.