

Frasier Sundra

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Intern-seasoned CS graduate, fervent about clean code, cloud-native design and automated testing, eager to build robust, high-performance software products.

EDUCATION

UNIVERSITY OF WESTERN AUSTRALIA

Bachelor of Commerce and Engineering Science

Relevant Coursework: Software Engineering; Operating Systems, Cybersecurity, Networks

Perth, WA

June 2024

WORK EXPERIENCE

SOFTWARE ENGINEERING INTERN - EQUITY SOLAR

Perth, WA

Full-Stack development for Energy Systems | *ReactJS, NextJS, ASP.NET Core, C#, Typescript, HTML, CSS* Aug 2025 - Nov 2025

- Developed secure internal tools for a solar brokerage, streamlining reporting workflows and reducing reliance on outsourced teams by 50%.
- Developing backend systems to supply real-time data to a virtual power plant platform and user-facing mobile application.
- Applied software engineering practices with a focus on security and reliability, ensuring data integrity, access control, and resilience within energy applications.

SOFTWARE ENGINEERING INTERN - ABLE

Perth, WA

Software Engineering Intern for a Learning Management Platform | *Dotnet Framework, C#, HTML, CSS* Sep 2025 - present

- Collaborated with senior developers to design and implement responsive user interfaces using **HTML** and **CSS**.
- Developed backend systems to integrate scheduling software, improving data flow and system coordination.
- Assisted in debugging, testing, and deploying front-end features while following modern development workflows (e.g., **Git**, **Agile**, **REST APIs**).

OTHER PROJECTS

ANIMAL BOARDING TOOL (In Progress)

- Developing a boarding management system for a veterinary clinic using **Next.js**, **Typescript** and **PostgreSQL** to streamline booking, tracking, and client records.
- Implementing medication and feeding scheduling tracking to ensure accurate treatment administration.
- Designing and building secure data models and APIs to manage pet profiles, stay history, and operational workflows.

FUZZY FINDER

- Developed a custom fuzzy file finder in **C++** to search through Linux file systems, inspired by **fzf**.
- Implemented **multithreading** and **mutex synchronization** to enhance performance and responsiveness.
- Built for **personal use** as a faster and more intuitive way to navigate file systems.
- Can be found at <https://github.com/Fozzyack/simple-fuzzy-finder>

VOLUNTEERING

CODERS FOR CAUSES

Perth, WA

Full-Stack development of a Booking System | *ReactJS, NextJS, Django, Typescript, Python, HTML, CSS* Nov 2025 - present

- Serving as volunteer tech lead for a youth-nonprofit booking platform focusing on defining **Django-Next.js system architecture**.
- Mentoring 2 junior devs through weekly 1:1s and pair-programming, raising their PR acceptance rate.
- <https://github.com/codersforcauses/bloom-booking-system/>

HAPPINESS CO. (Charity Project)

Perth, WA

Chiyin's World Record Run

June 2025 - Aug 2025

- Designed a charity website for mental health awareness, supporting fundraising efforts toward a \$100,000 target, with \$20,000 raised to date.