Alexander Heffernan

Software Engineering Student Pursuing Summer Internship to Build, Learn, and Innovate

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EDUCATION

Victoria University of Wellington

- Graduating November 2026
- Bachelor of Engineering with Honours
- Majoring in Software Engineering
- Specialising in Artificial Intelligence
- School of Engineering Dean's List 2023 & 2024 (A Grade Average)

St Patrick's College Silverstream

- Dux, first in college 2022
- NCEA, levels 1, 2, and 3, achieved with excellence
- Excellence endorsement in digital technologies

RELEVANT SKILLS

Programming Languages:

- TypeScript/JavaScript (Proficient)
- Rust (Proficient)
- Java (Proficient)
- C# (Proficient)
- Python (Intermediate)

Technologies:

- Vue (Proficient)
- RESTful APIs (Proficient)
- Azure DevOps (Proficient)
- .NET (Intermediate)
- Node.js (Intermediate)

Soft Skills:

- Excellent communication skills
- Strong problem-solving ability
- Effective teamwork skills
- Efficient time management

SUMMARY

I'm a passionate software engineering student at Victoria University of Wellington, excited about building technology that makes a difference. I worked for over three years at the External Reporting Board as the Website Administrator, managing web content, collaborating with teams, and contributing to design projects. For over a year and a half, I've been the Website Developer/Designer at HomeStagedIT, leading front-end development for a new IT platform that's nearly ready for beta testing.

My studies, professional experience, and personal projects—showcased in my GitHub portfolio—reflect a deep commitment to growth, curiosity, and creative problem-solving. I thrive in collaborative environments, adapt quickly to new challenges, and consistently look for ways to add value. I'm eager to contribute to a forward-thinking team, where I can apply my skills, expand them further, and make a meaningful impact from day one.

PROFESSIONAL EXPERIENCE

HomeStagedIT, Wellington, NZ
Website Developer/Designer, March 2024 – Present

- Leading the comprehensive redesign of an upcoming IT platform, taking charge of creating style guidelines, design mock-ups in Adobe XD, and implementing new designs into the extensive codebase.
- Enhancing user interface (UI) and user experience (UX) by leveraging HTML, CSS, JavaScript, and C# within a .NET framework, ensuring seamless alignment of design elements with existing backend functionalities.
- Collaborating closely with colleagues to adapt designs to meet their needs and preferences, fostering a collaborative environment and ensuring alignment with project objectives.
- Demonstrating a strong focus on user interface (UI) and user experience (UX) design principles, striving to enhance usability and satisfaction for end-users.
- Utilizing Adobe XD and other design tools to craft visually appealing and functional interfaces, elevating the aesthetic and performance of the .NET-based IT platform.

External Reporting Board (XRB), Wellington, NZ
Website Administrator, March 2022 – March 2024
Office Assistant December 2020–March 2022

- Managed day-to-day operations of the XRB website, utilizing Silverstripe CMS, HTML, and CSS to maintain and update content.
- Collaborated closely with colleagues to implement desired changes to the website, ensuring alignment with organizational goals and user needs.
- Played a pivotal role in the creation and redesign of the XRB website in 2022, working alongside internal and external stakeholders to enhance design, structure, and content.
- Developed strong communication and collaboration skills through regular interaction with colleagues and external partners, effectively translating technical concepts and requirements.
- Cultivated a keen eye for design and user experience, contributing to the aesthetic and functional improvements of the website to enhance user satisfaction and usability.

References from previous and current employers available on request.