

To whom it may concern,

My name is Alexander Morris and I wish to forge a career in software development.

I am currently studying Computer Science at Victoria University and I would love to have the opportunity to enter the workforce and further build my skill set. Although I am enjoying life at University I am not being challenged by the course content, therefore I am seeking further challenges from the workforce, where I would like to expand my skills and gain industry experience.

In November of 2018 to March 2019 I attended a mentorship program with Unify Solutions, with two Wellington ICT Graduate School master's students. As a result of this mentorship I was given an excellent reference letter that can be provided upon request.

At the end of my mentorship with Unify Solutions I was tasked with making a design of the parking application for wellington city, and then building a small part of the application to all be presented in 10 minutes. I started by creating the design and testing documents, then I moved onto the look and feel of the application by designing the user interface. Once I had that down, I started developing the application, written in Java it interfaces with Firebase which acts as the identity manager and handles storing user data in a NoSQL database.

While studying at Kapiti College, I developed my own student management software after seeing many flaws in the system the college was using. I went through the complete process of bringing a product to market. I completed research in the market, I designed the UI/UX and more importantly I developed the actual product. You can see the demo at <https://dev.isolatedsoftware.nz/eteach/> username & password: "demo". The demo is missing some features, but the core of application is there.

Throughout 2017-2018 I reviewed NZGrapher's source code for security vulnerabilities and tested the application for exploits. Serious vulnerabilities were reported and subsequently fixed.

Jake Wills, from NZGrapher, referred me to the company Junior Logs for penetration testing. With Junior Logs I was tasked with attempting to extract confidential information with my only starting point being the login screen for website. I was successful and this exploit among a couple others were fixed by Junior Logs later that year.

I believe I can hit the ground running, as I pride myself on my love of learning and my ability to learn quickly.

My references are happy to be contacted regarding my experiences, abilities and personality.
Thank you for your time, I look forward to hearing from you.

Yours sincerely,
Alexander Morris