

Callum Penman

Email: callum.penman@outlook.com

Address: 37 Rawhiti Street
Stokes Valley, Wellington

Education and qualifications summary:

Bachelor of design innovation majoring in industrial design, Victoria University of Wellington. Completed November 2017 (awaiting graduation 2018)

I have experience with design approaches such as persona and scenario building, iterative prototyping (physical) and parallel prototyping in conceptual stages of a design, storyboarding, cultural probes etc to gather information and define a problem to be resolved.

Most of my CAD experience is with Solidworks; however, I also have some experience with Autodesk Fusion 360 and Rhinoceros 3D, as well as experience with Meshmixer for STL modelling.

I also have experience with Adobe Illustrator, (exporting and sizing vector files from Solidworks and other CAD packages for laser cutting) as well as Photoshop, Premiere and Lightroom, and also Luxion Keyshot for 3D rendering.

My experience with CNC machinery includes *hands on experience* operating UP! Box FDM 3D printers, 3 axis CNC routing (Roland Modela desktop mill), and laser cutting with cardboard, plywood, and various plastic sheet materials such as acrylic.

I have some basic understanding of designing for waterjet cutting and HAAS CNC lathing (using CAMworks toolpath simulation), as well as some experience with basic workshop machinery such as table/band/mitre saws, vacuum forming machines, milling machines, drill press and hand tools as well as basic bogging/priming and spraypainting experience.

Practical attributes:

I have a keen eye for attention to detail regarding design, and will work through many iterations before I get things just right. I generally take a pragmatic approach to design problems, and attempt to arrive at a solution which does not sacrifice usability or overcomplicate. I would rather reduce complication and uncertainties relating to the manufacturing process than to take risks to create something which only lends itself to aesthetic value.

I work well under pressure, I never missed a deadline during my time studying industrial design. I am used to early starts and late nights and making sacrifices to ensure that whatever work is due can be completed on time. I work well in, and enjoy an environment which is buzzing with busy people.

I am no stranger to physical labour; I have no problem moving heavy loads and I am familiar with safe lifting techniques. Also, I am cooperative and good at listening, I am polite, and I am used to working in an environment where customers' needs come first.

Personal interests:

I enjoy photography and photo editing with Lightroom/Photoshop.

I am fit and active, I enjoy powerlifting and aspire to begin competing in 2018.

As a side venture I am currently developing a website, and learning html/css & javascript/jquery. I also have experience with hobbyist electronics such as Arduino & Raspberry Pi and have a very *basic* understanding C/C++ & Python. Should the need arise, I would be enthusiastic to expand my knowledge of programming languages and learn G code for CNC machinery.

Employment history:

I have worked at Whitcoulls since 2013 as a sales assistant. I have mainly worked part time, however during 2014 I worked between 3 – 5 days a week at Whitcoulls Upper Hutt. I am currently working Thursdays, weekends, public holidays and Christmas hours at Whitcoulls Queensgate. I am confident with cash handling, counting tills and counting floats etc.

My job involves customer service, as well as placing orders for customers on the Whitcoulls online store and through store-to-store transfers. This involves being the middleman and ensuring the requested product arrives and that the supplier can locate the item efficiently.

I also have stockroom experience, managing large deliveries of 50 - 70 boxes of merchandise and ensuring that stock goes out quickly and that embargoed books are kept off the shop floor until their release date.

Referee:

Rosalie (Rose) Falleni

Manager at Whitcoulls Queensgate & current employer

Phone: 0276837305

Brandon Senior

Supervisor & friend at Whitcoulls Queensgate

Phone: 0273293100

Facebook: <https://www.facebook.com/brandon.senior.9>