



Catherine Wickham

Junior Software Developer

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 [LinkedIn profile](#)
 [GitHub profile](#)

About Me

I'm an ex-scientist turned coding-fanatic looking for an opportunity to break into the tech industry. As an MSc graduate, I have already honed several abilities that will be invaluable in this field, such as problem-solving, project planning, time-management and researching complex concepts. My strong foundation of programming skills developed at [CodeSpace Academy](#), combined with my ability to research and rapidly learn any new skills/languages required would make me an invaluable asset to any team.

Experience

Design Assistant

Isabelina | April 2019 – Jan 2023

This position involved assisting the lead interior designer with administration and client/supplier relations, as well as creating presentations of furniture and fabric designs. Exposure to this creative industry has helped me develop a good sense of aesthetics as well as excellent project management and planning skills.

Undergraduate Genetics Tutor

University of Pretoria | Jan 2015 – Nov 2015

During my BSc Honours year I was involved in providing mentorship for first-year undergraduate Genetics students. This involved assisting with lab demonstrations, answering student's questions, and explaining difficult concepts which helped me hone my communication skills and ability to work with other people.

Sales Assistant

Vet to Pet Dainfern | 2011 – 2013

This was a part-time position taken on during my later high-school and early university days. It gave me an introduction to the working world and some experience with sales and basic business administration.

References

Judith Matthews: Owner, Isabelina.

Phone: 082 414 1941 | Email: judith@isabelina.co.za

Prof Michael Pepper: Director of the ICM & Professor of the Department of Immunology, University of Pretoria.

Phone: 012 319 2179 | Email: michael.pepper@up.ac.za

Education

Software Development Program

CodeSpace Academy | Jan 2023 – Present

An industry-oriented coding bootcamp that covers the fundamentals of programming as well as the essential tools required for front-end web development.

MSc in Medical Immunology

University of Pretoria | Jan 2016 – Sept 2019

A research-based degree focused on understanding the effect of HIV infection on gene expression in immune system cells. Completed with distinction.

BSc (Hons) in Genetics

University of Pretoria | Jan 2012 – Dec 2015

A combined research/coursework degree. My undergraduate studies included a diverse array of subjects relating to genetics, biochemistry, microbiology, zoology, and plant science. My Honours year research project was focused on analysis of chromosome numbers in agriculturally relevant fungal plant pathogens. Completed with distinctions in all subjects.

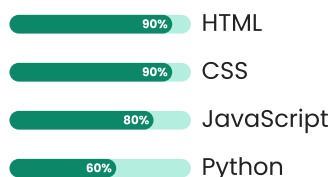
National Senior Certificate (IEB)

Dainfern College | 2011

Subjects: Mathematics, Life Sciences, Physical Sciences, English Home Language, Afrikaans First Additional Language, Geography, Life Orientation, Mathematics Paper 3, Advanced Programme Mathematics. Achieved 8 distinctions.

Skills

Programming languages:



Other software tools:

Visual Studio Code
Git & GitHub
Figma & FigJam
Microsoft Office suite

Hard skills:

Basic front-end web development
Wireframing
Flowcharting

Soft skills:

Analytical thinking & problem solving
Research
Communication
Self-motivation
Time management