

David Brockbank

Software Developer

ABOUT

Software developer experienced in full-stack development using C#, .NET, SQL, Typescript, React, Aurelia. Project experience with C, C++, Python, and Java. Interested in real-world applications, new technologies, embedded systems, and computer vision.

EXPERIENCE

Junior Software Developer

Drive Software • Full-time / Part-time

Jul 2024 - Present

Christchurch, New Zealand

Fullstack development using C#, .NET, SQL Server, Typescript, and Aurelia. Solo mobile app development in .NET MAUI.

Software Implementation Consultant

Fast Enterprises • Full-time

Nov 2023 - Jun 2024

Wellington, New Zealand

Software development for Inland Revenue's tax software using C#, .NET, and SQL.

Software Engineer Intern

MTF Finance • Internship

Sep 2023 - Nov 2023

Dunedin, New Zealand

Researched potential technologies to be used for an upgrade of internal lending software. Used C#, .NET, and SQL for main technology stack but researched Python, Django, and Vue.

Computer Science Demonstrator

University of Otago • Part-time

Feb 2023 - Jun 2023

Dunedin, New Zealand

Guided students completing Java assignments and lab work for COSC202 - Software Development.

Software Developer Intern

Iris Data Science • Internship

Dec 2022 - Mar 2023

Dunedin, New Zealand

Design and development on a agricultural farming PWA for Agriganics in Javascript, React, and SQL. Implemented extensive offline capabilities, workflow design, and front-end development.

Plasterer, Labourer

S & M Property Management Limited • Casual

Nov 2016 - Dec 2022

Waikato, New Zealand

Installing electric fencing, building frames, concrete pouring, painting, and plastering. Occasional leadings of small teams. Full-time during summers, part-time during school.

EDUCATION

Bachelor of Science

University of Otago

Feb 2021 - Nov 2023

Major in Computer Science, Minor in Energy Management

GPA: 8.3 / 9.0 (A)

During university, I developed strong skills in computational problem-solving, computer vision, and data science. I gained academic experience with programming languages including Java, SQL, C, C++, JavaScript, and Python. I worked with libraries such as Pandas, NumPy, and OpenCV, and became confident in using tools like Git, LaTeX, and Linux.

AWARDS

Stephen Bowater Memorial Scholarship

University of Otago 150th Entrance Scholarship

University of Otago Scholarship in Science

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