

# David Brockbank

Software Engineer

## ABOUT

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Graduate software engineer with a year professional experience in the software development industry. Enjoyer of collaborative problem solving, experienced in Java, C#, Javascript, React, Python, and SQL. Projects done with C, C++, Python, and Java. CAD and electronic hobbyist.

## EXPERIENCE

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### Software Implementation Consultant

**Fast Enterprises** • Full-time

Nov 2023 - Jun 2024 • 8 mos

Development and consulting for Inland Revenue's tax software. Worked with non-technical client to discuss issues and requirements. Implemented features and fixes in C#, .NET, and SQL, worked closely with domain specialists to extensively test before releasing to production. Evaluated potential features against system capabilities and clearly communicated them to the client.

### Software Engineer Intern

**MTF Finance** • Internship

Sep 2023 - Nov 2023 • 3 mos

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 • 5 mos

Guided students completing lab work for COSC202 - Software Development. Most of the work was in Java.

### Software developer

**Iris Data Science** • Internship

Dec 2022 - Mar 2023 • 4 mos

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. Focus on defining, creating, and refining user experience on mobile and desktop environments.

### Digital Archiver

**Thames Treasury** • Volunteer

Aug 2020 - Oct 2020 • 3 mos

Digitized historical records and photographs relevant to the Thames-Coromandel area.

### Plasterer, Labourer

**S & M Property Management Limited** • Casual

Nov 2016 - Dec 2022 • 6 yrs, 2 mos

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

## EDUCATION

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### Bachelor of Science

**University of Otago**

Major in Computer Science, Minor in Energy Management

GPA: 8.3/9.0 (A)

## AWARDS

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Stephen Bowater Memorial Scholarship

University of Otago 150th Entrance Scholarship

University of Otago Scholarship in Science

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