

# JACK WITBROCK FINLAY

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## Summary

- ❑ Aspiring to build a successful career in Software Engineering. Constantly seeking to further skills and education through independent study.

## Technical Skills

| Skill                                    | Experience |
|--|------------|
| C#                                       | 3 years    |
| JavaScript                               | 3 years    |
| SQL                                      | 4 years    |
| Version Control (Git, GitHub, Bitbucket) | 4 years    |
| Databases (SQL Server, Oracle)           | 3 Years    |
| Agile Methodologies                      | 4 Years    |
| Agile Tools (Jira, TFS, VSTS)            | 3 Years    |

## Education

### Auckland University of Technology, Auckland, New Zealand 2013 - 2016

- ❑ Bachelor of Computer and Information Science - Software Development Major.

Topics covered included: Software Development in C# and Java, Object-Oriented Design and Development, Databases, Agile Methodologies, Information security, Data process Modelling, Project Management, Discrete Mathematics and Linear Algebra, Data Structures, and Algorithms.

# Experience

## Software Developer

**March 2018 - Present**

### AlphaCert Labs Ltd, Auckland

- ❑ C#
- ❑ HTML/CSS/Javascript
- ❑ ASP.NET MVC with Entity Framework
- ❑ Microsoft SQL Server
- ❑ SSRS Reporting

Full-stack ASP.Net MVC developer role. Primarily developing in C#, HTML/CSS, and JavaScript. ETL and data transformation in C#. SSRS report development. Collaboration with internal and external clients to produce bespoke platform functionality.

## Analyst Programmer

**August 2016 - March 2018**

### Gentrack Ltd, Auckland

- ❑ BASIC Variant
- ❑ Analysis
- ❑ Debugging
- ❑ Microsoft SQL Server
- ❑ Oracle Database

Defect fixes and extension of functionality of utilities billing software. Data analysis and database development using SQL. Collaboration with internal and external clients to achieve consistent results.

## Technical Consultant

**April 2015 - August 2016**

### Business Mechanix Ltd, Auckland

- ❑ C#
- ❑ HTML/CSS/Javascript
- ❑ ASP.NET MVC with Entity Framework
- ❑ SPARQL RDF API
- ❑ Microsoft SQL Server

Developed a website for international students to find study options in New Zealand. This role also involved managing and mentoring a team of three interns working over the 2015/16 summer. Secondary roles involved setup and management of Azure virtual machines, maintenance of C# applications, and ad-hoc customer support.

**Intern Developer****December 2014 - February 2015****University of Auckland IT Services, Auckland**

- ☐ Java
- ☐ Scriptella
- ☐ Bash

Intern developer role at IT Services. Current and new projects. Reverse engineered an HTTP driver for Scriptella from the source code. Wrote various ad-hoc Scriptella, Groovy and Bash scripts.

**References**

References available on request