

EMPLOYMENT

Software Engineer, Intern	Insurance Australia Group (IAG)	December 2017 - February 2018
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- Researched a problem and decided on the optimal tools to use and platform to develop on.
- Designed a formidable solution that utilises blockchain technologies to overcome the problem.
- Implemented a prototype of the solution and deployed it to run smoothly on the Azure cloud.
- Created a web API and an aesthetically pleasing web application for interacting with the system.
- Presented the project to clients with slides to help them understand how the system behaves.

Data Entry Assistant	Commodore Pharmacy	June 2018 - February 2019
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- Added new products to the local and online content management systems.
- Updated products when changes were observed. (prices, photos, information)
- Took high quality photos of physical products and enhanced them in photoshop.
- Used advanced methods in Microsoft Excel to compare price lists and find dissimilarities.
- Wrote creative product descriptions for boring medical products.
- Created a few scripts to that would help with some of the more tedious work.

EDUCATION

Auckland, NZ	The University of Auckland	July 2015 – June 2019
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- Bachelor of Science in Computer Science. GPA: 6.44
- Certificate of Languages in Japanese. Median grade: A+
- Programming Coursework: Artificial Intelligence; Algorithms and Data Structures; Database Systems; Human-Computer Interaction; Distributed Objects, Services and Programming; Operating Systems; Computer Graphics and Image Processing

SOFTWARE PROJECTS

Personal Website: danb.nz

- **Risk of Rain 2 Logbook:** ror2logbook.azurewebsites.net
 - An MVC web application made with ASP.NET Core with information from the video game.
 - Methods available to create, edit, delete and sort content from the web application.
 - Authentication feature implemented to prevent anonymous users from messing with it.
 - Hosted on Azure Cloud, connected to an SQL database also hosted with Azure services.
 - Created in Visual Studio 2019.
- **Community Events Web Application:** github.com/dbedggood/HackathonWebApp
 - Event management web app, conceived and developed at a hackathon over two days.
 - Allows event attendees to view the ETA of the other attendees based on their device locations.
 - Created with HTML, CSS and JS. Using Google maps APIs and our own REST API for database interaction.
 - Awarded runner-up for most functional project, attributed to extensive use of external APIs.
- **Connect Four Web App:** dbedggood.github.io/connect4
 - Classic connect 4 game in a web application. Built with React.js.
 - Uses an efficient calculation function to check if a win condition has been met.
 - Created in Visual Studio Code, hosted with Github Pages.
- **General Purpose Discord Bot:** github.com/dbedggood/discordBot
 - Versatile bot for the voice and text chat app Discord.
 - Utilises Node.js with the discord.js wrapper for interacting with the Discord API.
 - Makes use of multiple other public APIs to inform, assist and entertain users.
 - Created in Visual Studio Code, hosted with on Heroku.

Check out my Github for more: github.com/dbedggood

LANGUAGES AND TECHNOLOGIES

- **Proficient:** Javascript, Node, HTML, CSS, Python, Git, Ruby on Rails, ASP.NET Core, MVC
- **Familiar:** React, Bootstrap, Jquery, C#, Xamarin, Java, Kotlin, SQL, Databases