



Graham Herdman

Software Engineer

I am a technically minded Commerce and Science graduate who majored in Computer Science, Mathematics, Finance, and Accounting at The University of Sydney. I'm currently undertaking a Software Engineering Course at General Assembly where I have gained full-stack web development skills. In my GA Data Science Course, I equipped myself with strong skills in Python, data analysis and machine learning. My passion for computer science has inspired me to pursue a career in software engineering.

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EDUCATION

Software Engineering Immersive Course General Assembly

06/2019 – Present

Skills I learnt from this course

- Fullstack Web Development
- MVC - Model, View, Controller

Bachelor of Commerce and Bachelor of Science

The University of Sydney

03/2014 – 11/2018

Notable Subjects

- COMP5318: Machine Learning and Data Mining
- COMP3608: Introduction to Artificial Intelligence (Advanced)
- COMP3927: Algorithm Design (Advanced)
- INFO1905: Data Structures (Advanced)

Part-Time Data Science Course General Assembly

05/2018 – 07/2018

Skills I learnt from this course

- Python
- Pandas
- Scikit learn
- Presentation Skills

ACHIEVEMENTS

Maintained a 74.95 grade point average over the last two years of my science degree.

Bronze surf life saving medallion.

BCAT (Barker College Adventure Training) Silver Medal.

INTERESTS

Machine Learning

Artificial Intelligence

Reading Books About Science and Technology

Investing in the Stock Market

Physical Fitness

Triathlons

Mixed Martial Arts

SOFTWARE ENGINEERING EXPERIENCE

General Assembly - Student Order Ahead Bar Application

General Assembly is a programming bootcamp specialising in software engineering and data science

Achievements/Tasks

- Built the frontend for an order-ahead bar application using Expo, React Native and Redux. I plan on adding to this project in the future.

General Assembly - Student Dripple: Idea Management Application

Achievements/Tasks

- In a group of 3 we built and deployed an idea management tool on Heroku and GitHub Pages using an API built by Ruby on Rails for the backend and React for the frontend.

General Assembly - Student Restaurant Stock Management Application

Achievements/Tasks

- Built and deployed an Inventory management application for small restaurants on Heroku using Ruby on Rails for the backend and jQuery for the frontend.

TECHNICAL SKILLS

Web Development Skills

Javascript, jQuery, React, React Native, Ruby, Ruby on Rails, HTML, CSS

Developer Skills

Java, Amazon EC2, Git, Github, Linux Command Line

Computer Science Skills

Data Structures, Algorithms, Time and Space Complexity Analysis

Data Science Skills

Python, Jupyter Notebook, Google Colaboratory, Scikit learn, Pandas, Keras, Machine Learning Algorithms, Tableau

GENERAL SKILLS

Mathematical Thinking

Microsoft Excel

Public Speaking