

# Alfred Zou

## ASPIRING DATA ANALYST

### CAREER PROFILE

I am a Data Science graduate from General Assembly with nearly 2 years experience in the engineering industry.

My true passion lies with business intelligence. I want to use data to help business make well-informed decisions.

### SKILLS

Languages: Python

Data analysis: EDA, data cleaning, pandas, hypothesis testing

Data visualisation: Tableau

Database management: SQL, PostgreSQL, SQLite

Data collection: Web Scraping, APIs

Cloud: Google Cloud (GCP)

Machine learning: Regression, classification, NLP, neural networks, supervised

### CONTACT INFORMATION



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## EDUCATION

### Data Science Immersive Student

General Assembly Sydney | Dec 2019 - Mar 2020

- During this full-time 12-week immersive data science course, I learnt a lot about data analytics and science

### Bachelor of Civil Engineering (Honours) and Commerce (Finance)

UNSW | 2012 - 2017

- Distinction average & 1st Class Honours

## PROFESSIONAL EXPERIENCE

### Project Engineer

Service Stream | Feb 2018 - Oct 2019

- My role involved managing multiple projects at the same time with a focus on driving them towards completion
- Liaised with clients to develop strong rapport, communicate project risks and determine client priorities
- Worked closely with team to ensure projects were delivered in a fast pace and resource constrained environment

## DATA PROJECTS

### COVID-19 Dashboard

- To learn more about the global pandemic, I created a Tableau dashboard
- Data was collected from multiple sources including Johns Hopkins's GitHub, WHO reports and academic papers
- The most interesting feature is the comparison of active cases against the hospital capacity for each country

### Web Scraping Indeed

- My aim was to understand the skills required for data analysts, scientists and engineers
- I collected data from Indeed by developing a robust web scraper using Scrapy and XPath
- Job titles were determined using logistic regression and decision trees
- Feature importance was used to determine the most relevant skills for each job title