

Alfred Zou

ASPIRING DATA ANALYST / SCIENTIST

CAREER PROFILE

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

To realise my passion for strategic planning, I took the leap into the field of data. I want to help businesses make well-informed decisions with data.

SKILLS

Languages: Python

Data analysis: Exploratory data analysis (EDA), data cleaning, pandas, hypothesis testing

Data visualisation: Tableau

Database management: SQL, PostgreSQL

Data collection: Web Scraping, APIs, Extract Transform and Load (ETL)

Cloud: Google Cloud (GCP)

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

CONTACT INFORMATION



[linkedin.com/in/alfred-zou](https://www.linkedin.com/in/alfred-zou)



alfredzou@outlook.com



0406 117 488



alfredzou.github.io



github.com/alfredzou

EDUCATION

Data Science Immersive Graduate

General Assembly | Dec 2019 - Mar 2020

- Full-time 3 month intensive data analytics and science course on Python, data wrangling, web scraping, SQL and machine learning

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

UNSW | 2012 - 2017

PROFESSIONAL EXPERIENCE

Project Engineer

Service Stream | Feb 2018 - Oct 2019

- Simultaneously managed multiple projects through effective time and resource management, and task prioritisation
- Liaised with clients to develop strong rapport, communicate project risks and determine client priorities

ACHIEVEMENTS

1st place in HackForBetterDay's 1-month hackathon

- Collaborated with 4 others to design and develop an app to address COVID-19 supply chain issues
- Heavily involved with the end-to-end process through ideation, UX design, development and pitch

DATA PROJECTS

COVID-19 Dashboard

- Extracted data from multiple sources for each countries' confirmed cases and deaths, and medical capacity indicators
- Transformed and merged multiple data sources through python
- Developed a COVID-19 Dashboard in Tableau to visualise the spread of COVID-19 over time, assess the response between countries and visualise the medical capacity of each country through intensive care unit beds

Web Scraping Indeed

- Developed a robust web scraper to extract job title, salary, company, location, employment type and description from Indeed; collected over 700 data related jobs
- Trained a logistic regression model to correctly categorise 81% of data related jobs as either a data engineer, data analyst, business analyst or data scientist position