

EDUCATION

Melbourne, VIC	Swinburne University of Technology	Sep 2021 – June 2023 (expected)
<ul style="list-style-type: none">Master of Data Science - GPA: 3.5/4.0Awarded George Swinburne Postgraduate STEM Scholarship for the whole 2 years of Master degree.UNIHack 2023 2nd place winner, as well as nominated winners of Xero, Miga Health and KPMG sponsor prizes.One of less than 10 students who were awarded AUD\$ 5,000 stipends for SummerTech Live 2022-2023 scholarship offered from the Victorian Chamber of Commerce and Industry.Coursework: Object Oriented Programming, Data Management, Introduction to Data Science, Cloud Computing Architecture, Creating Web Application, Data Visualization, Software Quality and Unit Testing.		

EMPLOYMENT

Data Engineer, Vacation Intern	HESTA Super Fund (VIC, AU)	November 2022 – February 2023
<ul style="list-style-type: none">Utilized Python to develop 03 ETL workflows under the supervision of a senior Solution Architecture, enabling and optimizing investment data integration from multiple financial data sources into the data warehouse.Provided assistance in the design, development, and maintenance of the CI/CD pipeline and data warehouse in AWS environment for BAU activities related to investment data management.Wrote and maintained 02 documentation pages on Confluence that shared knowledge about web scraping techniques using APIs endpoints, BeautifulSoup, and Selenium.Skills: Python, AWS, CI/CD pipeline, JIRA workflow, Bitbucket, Software Development Life Cycle (SDLC).		
Data Science Consultant, Pro bono	Data4Good (NWS, AU - Remote)	October 2022 - Present
<ul style="list-style-type: none">Provided free data science consulting service with diverse aspects of data analytics, visualization, machine learning to enable non-profits to gain more insights from their data without the prohibitive cost of resources.Worked directly with other Senior-level Data Scientists and NFP Board of Directors to identify insight needs, agreeing on digital data sets and requirements for KPI monitoring & digital optimization.Highly advanced on ERD design, data manipulation using SQL, Python, R, BI tools such using Google Data Studio, Tableau, database servers using MySQL, SQLite.		
Software Engineer, Intern	Get2know (NWS, AU - Remote)	July 2022 – September 2022
<ul style="list-style-type: none">Collaborated with a team of 5 to develop an Automated Shift Report System to manage the work schedules for 10-15 disability support workers.Engaged in release and sprint planning sessions (using JIRA), daily stand-up meetings, sprint demos, and other Kanban/Scrum-related activities with the developer team.Worked on bug fixing and feature development. Refactored the app's pattern generator into reusable components. Reduced technical debt by 5% after refactoring.Skills: Python, JavaScript, Software Development Life Cycle (SDLC), Agile Project Management.		

LANGUAGES AND TECHNOLOGIES

- Programming Languages:** Python, Java, Javascript - AJAX - JASON, HTML/CSS, SQL, R
- Web Frameworks:** Django, Spring
- Design Patterns:** MVC, MVT
- Cloud computing platforms:** Amazon Web Service

PERSONAL PROJECTS

Instatute LMS Web Application (Code Live web)	March 2022 – May 2022
<ul style="list-style-type: none">Led a team of 4 students in building Learning Management System from the ground up using OOP Python during a course of 12 weeks.Managed 3 per 5 phases of SDLC, including stakeholder management with unit facilitator, system design, implementation by Python Django Framework, MVT design pattern and updated in SQLite database by Django ORM query.Applied agile methodology in project development, helping team members become familiar with tools like Gantt Chart, Kanban board and Sprint planning on Asana.Wrote over 500 lines of codes for course and lesson module, including front-end and back-end components.	
Early diabetes risk prediction in females (Code)	Jun 2022
<ul style="list-style-type: none">Successfully constructed 04 reusable and scalable functions to identify hyperparameters, evaluate the performance of 02 classification ML algorithms and compare the accuracy scores of them together.Applied base models to reduce 150 iteration steps in the implementation of the Decision Tree and KNN algorithms for 03 distinct data splitting ratios (50-50, 70-30, 80-20).Achieved a final mark of 94% - highest among 50 students taking the course.	

EXTRACURRICULAR ACTIVITIES

Study Australia Industry Experience Program (SAIEP)'s Mentor	November 2022
<ul style="list-style-type: none">Mentoring a team of 6 first-year students in 03 weeks to successfully delivered a prototype for a cloud-based appointment booking application for a mid-sized salon, spa, and wellness business in QLD, Australia.	