



Andrew Howes

 hi@andyhowes.co

 Cambridge, UK

Key skills

Identifying and **developing elegant solutions** to complex technological problems.

Leading the adoption of **Power BI, Dynamics, Power Apps** and the **Power Platform**.

Programming in **Python, Java**, and using **Azure**.

Leading projects using **Agile** methodology.

Expertise in **data wrangling, mining, analysis** and **visualisation**.

University



Australian National University

Master of Computing
Graduated with a First (GPA of 6.8 out of 7)

Bachelor of Politics, Philosophy and Economics

Graduated with a First (GPA of 6.7 out of 7)

Professional experience

Friends of

FemiliPNG

Information Systems Manager



Cyber Security Intern



andyhowes.co

Personal summary

Driven by a deep passion for leveraging technology to drive positive change, I have excelled in identifying, developing, and implementing technical solutions to complex problems. I have a proven track record of empowering organizations to harness the power of technology to accomplish their mission. Relocating to Cambridge in August 2023 with a five-year Ancestry visa, I am eager to contribute my expertise and make a lasting impact.

Career highlights



4+ years of Power BI

Developed multiple datasets using data from Dynamics, Azure Storage and SQL.



Power Platform solutions

Led a two-year project to adopt Dynamics/Power Apps to manage data of 6000+ clients.



Software engineering

Skilled in Python, Java, and SQL with exposure to R and JavaScript.



Systems administration

Delivered level 1-3 IT support as System administrator for AAD / Microsoft 365

Professional experience

Information Systems Manager

FemiliPNG Australia, 2022 - 2023

As the technology lead at FemiliPNG Australia, I spearheaded the identification, development, and implementation of solutions to enhance the organization's capacity.

Achievements:


- Successfully **proposed, developed, and implemented a CRM** using Model Driven Power Apps that efficiently manages and reports on the outcomes of 6,000+ clients.
- Spearheaded the implementation of a robust data analysis system using **Power BI**, and Azure Data Factory.
- **Trained staff** and developed detailed documentation on the Power Platform and Power BI.
- Effectively managed the £2,700 pound **Azure Cloud** budget, optimising resource allocation to best meet the organisations need.
- Led **data wrangling, analysis and mining** for the organisation and key funding bodies.
- Orchestrated the **website redevelopment**, by collaborating with stakeholders and external developers.
- Provided IT support at level two and three for staff across the organisation in Australia and Papua New Guinea.



linkedin.com/in/andyhowes

Andrew Howes

 hi@andyhowes.co

 Cambridge, UK

Certifications

2023

Graduated from Master of Computing at the ANU, with a **GPA of 6.8/7**

2022

Microsoft Certified:
Power Platform
Fundamentals

2021

Graduated from Bachelor of Politics, Philosophy and Economics at the ANU, with a **GPA of 6.7/7**

Microsoft Certified:
Power BI Data Analyst
Associate

2015

Long Tan Leadership
Award

Personal Experience

Australian Representative

Indonesian Student Cultural Program, 2016

I was selected by the Indonesian Government to take part in a two-week cultural understanding trip.

Volunteer

Trash Gather Australia, 2017 – 2022

I assisted the group to collect and communicate data to inspire change in the public & private sector.

Professional experience (continued)

Cyber Security Intern

KPMG, 2023

KPMG Cyber provides cyber security services that enable organisations to prevent, plan for, and respond to cyber-threats. In this paid internship, I worked on several engagements and internal tools, providing real value to clients and the organisation.

Achievements:

- Conducted a **cyber security posture assessment** for a major international SaaS provider.
- Integrated new **cyber threat intelligence** sources into monitoring tools and conducted analysis with **Splunk**.
- Collaborated with colleagues using Git to add new features to a **Python** program.

Information Systems Officer

FemiliPNG Australia, 2020 – 2022

In this role I was the organisations lead for data analysis and management. I maintained and improved the systems used for client data reporting and provide timely, insightful reporting.

Achievements:

- **Lead client data reporting** using STATA and Excel.
- Created reports for the executive, board, and funders.

Academic experience

Master of Computing

Australian National University, 2022 – 2023

Through this degree I developed a deep knowledge of software development techniques and computing practices.

Achievements:

- GPA of 6.9 out of 7.
- Expertise in Java, SQL, Python, DAX, HTML and JS.
- Key topics of study include software development, data management, and data analysis.


Bachelor of Politics, Philosophy and Economics (PPE)

Australian National University, 2018 – 2021

Studying a Bachelor of PPE provided me with the fundamental building blocks to think critically about complex global problems.

Achievements:

- GPA of 6.7 out of 7.
- Key topics of study included Developmental Economics, Managerial Economics and Behavioural Economics.

 andyhowes.co

 [linkedin.com/in/andyhowes](https://www.linkedin.com/in/andyhowes)