



TIMOTHY JAMES

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SUMMARY

With a strong academic background in computer science, and practical experience in projects such as ANU TechLauncher, I am eager to apply my skills to real-world issues. I tackle meaningful problems with persistence and creativity. I strive for quality with an eye for detail, taking pride in the outcome. I collaborate successfully with others and aim to enrich my professional connections.



EDUCATION

Bachelor of Information Technology | Australian National University

2019 – 2022

Grade Point Average – 6.3/7

Coursework – Software Engineering, Software Management, Human Computer Interaction, Networked Information Systems, Concurrency, Databases, Data Management & Security

Year 12 Graduation | Canberra College

2017 – 2018

ATAR – 92.65

Principal's Award for Information Technology

Cert. II in Information, Digital Media & Technology



PROJECT EXPERIENCE

2021	ANU TechLauncher VR Group Project	Unity 3D, C#, Oculus, Blender, Premiere
2021	Professional Business Website	HTML, CSS, JavaScript, PHP, Bootstrap
2021	ML Data Visualizations & Analysis	Python, NumPy, Matplotlib, SQL
2020	GPS Android App Group Project	Java, Android Studio, Firebase
2020	Synchronous Serial Message Passing	ARMv7 Assembly
2020	Digital Synthesizer ADSR Envelope	ARMv7 Assembly
2019	Interactive Proc. Gen. Text Experience	JavaScript, p5.js
2019	Block Puzzle Game Group Project	Java, JavaFX
2019	Minimax Algorithm for Sushi Go	Haskell
2018	2D Game Level Procedural Generation	Unity 3D, C#
2018	Raspberry Pi Weather System	Raspberry Pi, Python
2018	Rover with Autonomous Mapping	Arduino, Ultrasonic Sensors
2018	Promotional Website	HTML, CSS, JavaScript, Dreamweaver
2017	CAD Town House Render	Vectorworks 3D
2016	Logo Design	Photoshop, Illustrator



WORK EXPERIENCE

Project Manager | ANU TechLauncher

FEBRUARY – OCTOBER, 2021

Led a small team and worked with a client to create an innovative virtual reality application.

Bar Waiter | Hog's Breath Cafe

JULY, 2018 – JUNE, 2019

Demonstrated effective customer service, multitasking under pressure, and teamwork.

Work Experience | Australian Signals Directorate

OCTOBER, 2018

Gained experience in security and robotics fields with an ability to learn quickly.

Work Experience | Academy of Interactive Entertainment

OCTOBER, 2017

Developed programming and design skills in 3D modelling and software development.



SKILLS

- **Passion and eagerness for learning**

I show initiative by seeking new information to develop my professional knowledge. As demonstrated by numerous personal projects, I enthusiastically improve my skills and put them into practice.

- **Determination to overcome challenges**

When I encounter difficulties, I work persistently to elevate my work to a high standard. In my experience with ANU TechLauncher, I was able to adapt to unfamiliar technologies and produce a project that exceeded my client's expectations.

- **Respectful and effective at both teamwork and leadership**

I have successfully collaborated in numerous group projects, and approach teamwork in an easy-going yet productive manner.

- **Organized, reliable and conscientious**

By consistently meeting deadlines, I display a dependable work ethic. After studying project management as part of my ANU degree, I have an understanding of planning and coordinating large projects.

- **Concise and confident speaker**

I convey ideas clearly in both written and verbal forms. As a spokesperson for an ANU TechLauncher project, I was granted the award for best pitch.



VOLUNTEERING AND LEADERSHIP

- Member of Interact Rotary Club at Canberra College who accepted various leadership opportunities (2018)
- Participant of Young ICT Explorers team (2018)
- Leader of Peer Support who collaboratively organised and led small groups of students at Melrose High School (2016)
- Member of the winning Australian Business Week team by demonstrating teamwork at Melrose High School (2016)