

# Septian Razi

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Professional, friendly, mature and passionate fourth year ANU Student studying IT. An effective communicator, experienced leader and fast learner, I am eager to jumpstart my career in technology and to make an impact on the world. Using my experience in programming, project management, data science and design, I am confident that my impact can start with your organisation.

## Education

Australian National University

*Bachelor of Information Technology (Honours)*  
FEB 2017 - DEC 2020

## Skills Summary

### Technical and Industry Skills

HTML/CSS



JavaScript



Java



Git



Python



Rattle (R)



Excel



Technical Report Writing



Project Management



User Evaluation Testing



ARM Assembly



Graphic Design



### Communication

- **Excellent written communication skills** through experience marking assignments as a University Tutor and from previous university courses in History and International Relations.
- **Strong oral communication skills** through my experience working as a Club President, Student Ambassador, and Tutor which involve delivering information in a professional manner to people of different backgrounds and capabilities.

### Teamwork

- **Can cooperate well** from my experience working in teams in university clubs, student projects and tutoring in which teamwork is critical for success.
- **Tolerant and accommodating** of people of different personalities and priorities, ensuring that the team conducive illustrated by my involvement in numerous culturally diverse teams.
- **Confident in my abilities to lead and delegate** when necessary obtained from time as President of the ANU Indonesian Students Association and Project Manager in Techlauncher.

### Resilience

- **Can adapt to new difficulties** and maintain productivity in highly dynamic situations developed from my experiences in team sports, club president and university, all of which that involve hard deadlines and dynamic circumstances.
- **Quick and eager learner**, driven to alleviate shortcomings and ensuring that my skill set is appropriate for any given environment illustrated by my experience in tutoring in which course content needs to be understood on a weekly basis.

# Relevant Experience

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## Vacation Scholar

– CSIRO, Black Mountain (2019 - 2020)

- Developed optimised and insightful visualisations of CSIRO pedigree data containing over 45,000 data entries into interactive graphs in 3D space
- Researched heavily into pre-existing technologies and approaches to graph visualisations
- Modularised software to function on multiple different hardware technologies including cutting-edge hardware such as the Hololens 2, Vive Pro, and Oculus Quest
- *C#, Unity, Microsoft Mixed Reality Toolkit, Git, Confluence*

## Fenner Symposium

– Fenner Hall, Australian National University (2019)

- Utilised Mid-Year Survey Results data obtained from 2011 until present.
- Performed Data Cleaning and Integration on over ten datasets with more than 200 entries.
- Analysed data using data mining techniques such as Frequent Pattern Mining.
- Provided statistical evidence uncovering that a certain demographic was being less engaged, which fueled certain changes to the Hall.
- *Python, Jupyter Notebook, Excel, R, Rattle, Pandas, Scikit-learn*

## Front-End Developer

– Techlauncher, Australian National University (2019)

- Developed an API Test Client for Xero Canberra using Agile Methodologies.
- Spearheaded the Iterative Design Process by creating mock-ups, performing User Evaluation Testing and documentation.
- Assisted the Front-End developers in translating design into a workable product using React.
- *JavaScript, React, Node.JS, Git*

## University Casual Academic – Australian National University (2019 – Present)

- Tutored assembly programming and computer architecture (for COMP2300), Web Development and Design (for COMP1710) and Graphics (COMP1720).
- Taught and communicated to up to 60 students of different abilities and backgrounds.
- Collaborated closely with lecturer and other tutors in planning of course and marking.
- *ARM Assembly, HTML/CSS, JavaScript, p5.js, VSCode*

## Hackathon Participant

– Govhack (2019)

- Utilised publicly provided data and created an innovative product that allowed people to determine job prospects and growth
- Developed both a backend to process data using Flask and front-end using HTML, CSS and JavaScript.
- Shortlisted for both the Western Australia Awards and the International Awards.
- *HTML/CSS, JavaScript, p5.js, Git, Python, Flask*

## Project Manager

– Techlauncher, Australian National University (2019 – Present)

- Working with clients from Accenture, lead and managed the development of a UI Prototype optimised for fatigued and high-risk workers
- Involved managing team in delivering research, UI prototypes and testing alongside communicating with stakeholders.
- *JavaScript, React, Git, Confluence,*

University Projects:

[gitlab.cecs.anu.edu.au/users/u6086829/](https://gitlab.cecs.anu.edu.au/users/u6086829/)

Personal Projects:

[github.com/septianrazi](https://github.com/septianrazi)

## Other Experience

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### President

– *ANU Indonesian Students Association (2018 – 2019)*

- Lead a team of 15 committee members in creating events and projects throughout the year.
- Held and planned our large annual event “Indonesian Folk Market” involving intense planning, effectively delegation of around 50 volunteers and collaborating with the Indonesian Embassy and other societies, which resulted in over 300 participants.

### Senior Resident

– *Fenner Hall, Australian National University (2019 – Present)*

- Responsible for the wellbeing and running of a floor of 42 residents.
- Often managing conflict between residents involving the rules and regulations of the Hall.
- Involved in the International Portfolio, in which events and projects are held to help better assimilate International Students in a Hall.

### Student Ambassador

– *Study Canberra (2018 – 2019)*

- Involved in numerous events throughout the year to better promote Canberra as a study destination.
- Provided high quality customer service, including responding to questions professionally and in line with the organisation’s goals.

### Student Ambassador

– *ANU College of Engineering and Computer Science (2018 – present)*

- Involved in outreach and promotion of ANU programs, especially in Engineering and Computer Science.
- Regularly receive positive feedback from outreach students in regards to relatability and knowledge regarding opportunities at ANU.

<https://cecs.anu.edu.au/study/meet-our-students/septian-razi>

### General Representative

– *ANU Computer Science Student Association (2017 – 2018)*

- Developed content that helped CSSA reach members via social media and email, allowing membership to expand from 100 to 200 members the following year.
- Developed posters for ANU CSSA’s feature event for two years; Epic Games Night which involved more than 200 participants regularly.

### Events Officer

– *ANU International Students Association (2017)*

- Working under the Event’s Vice President, tasked with assisting and running of events.
- Heavily involved working in a diverse team and interacting with individuals from different backgrounds.

## Other Awards

**Best Solutions to Limited Resource Challenge**

– *ANU Innovation Challenge (2018)*

**Beasiswa Unggulan (Full University Scholarship)**

– *Indonesian Ministry of Education (2016)*

# Referees

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**Tomas Dodds**

Community Coordinator  
Fenner Hall  
0408730484  
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**Ben Swift**

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**Justin Keevers**

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