

# David Gunawan

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## EDUCATION

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**Bachelor of Science in Information Technology**  
**University of Technology Sydney (UTS)**  
GPA: 3.72/4.0  
WAM: 87

**Mar 2018 – Nov 2019**

### Key achievements

- High Distinction Average (>85%)
- Dean's List 2019

**Diploma of Information Technology (Accelerated)**  
**UTS: Insearch**  
GPA: 6.9/7

**Jun 2017 – Feb 2018**

### Key achievements

- Future leader's scholarship recipient
- Dean's merit semester 2 recipient
- Outstanding graduate prize recipient

## TECHNICAL SKILLS

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<b>Programming languages</b>	Java, C++, C#, Python, Cisco IOS, HTML, CSS, JavaScript, MATLAB, SQL
<b>Systems</b>	Windows (XP, 7, 8, 10), Macintosh
<b>Software</b>	Ms office (Word, Publisher, PowerPoint, Visio, Project, Outlook), Adobe Suite (Dreamweaver, Photoshop, Reader, Illustrator, Lightroom), Proto.io, Tableau, Power BI, Salesforce, JIRA, Confluence

**Other languages** – Fluent in Bahasa Indonesia and Elementary proficiency in Mandarin and Hokkien

## EMPLOYMENT HISTORY

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**Web developer intern**  
**Rugby Australia**

**Aug 2019 – Nov 2019**

Rugby Australia is the governing body of rugby union in Australia and the Australia national rugby team, the Wallabies. My responsibility in this role includes:

- Participating in stand-ups, planning sessions, retrospectives in Agile environments to support the team in delivering key technology initiatives
- Developing website modules during the Rugby World Cup 2019 (.ASP NET)
- Maintaining and updating the website content through Sitecore
- Creating salesforce reports for the marketing team during Rugby World Cup Campaign

**Peer Tutor for Applications Programming**  
**UTS: Insearch, Sydney**

**Jun 2018 – Sep 2019**

UTS: Insearch is a controlled entity of the University of Technology Sydney (UTS), and a registered private higher education provider of pathways to UTS. My responsibility in this role includes:

- Collaborating with lecturer/tutor in class
- Elaborating concepts of Java object-oriented programming to students
- Partnering with subject coordinator to provide a better learning process

**Research Assistant/Data Science Intern  
University of Technology Sydney**

**Dec 2018 – Mar 2019**

Collaborated with Dr. Jing Song Xu in investigating anomaly in sheep audio datasets

- Performed analysis on sheep audio datasets and visualised the analysis using Python and Tableau
- Tested and benchmarked several machine learning frameworks for android such as TensorFlow Lite, Caffe, and OpenCV

**IT Intern  
Australian Salesmasters Training Co.**

**Sep 2018 – Dec 2018**

My role includes:

- Developed reporting application (C#) using Visual Studio 2017 & Crystal Report
- Handled phone call and email from students regarding the Moodle system problems
- Updated and maintained website content through Moodle and phpMyAdmin

## **PROJECTS**

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**e-Portfolio (<https://davidgunawan.tech>)**

Personal responsive portfolio created using HTML, CSS, JavaScript with Bootstrap framework. Check out the pages for more links to the other projects

**AI Tic Tac Toe**

The game was created using PyGame Library. In building the AI, we are using minimax algorithm.

**Casa Chatbot**

Casa chatbot is an interactive chatbot designed to help Australian to find the most suitable home mortgage program based on their input. The chatbot is created using Dialogflow, Python, and Flask.

## **EXTRA-CURRICULAR ACTIVITIES**

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**UTS Indonesian Student Association Event Committee**

**Jun 2018 – July 2019**

Coordinating events held by Indonesian Student Association (ISA)

**UTS Insearch Red Team**

**Jun 2018 - Present**

Helping new students get around campus during orientation days

**Indonesian Diaspora Network**

**Jun 2018 – Present**

Organising the event help by Indonesia Diaspora Network

## **REFEREES**

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Available upon request