

# Andre Pesce

## Software Engineer

Extremely passionate about learning new technologies and software development skills to quickly become a very capable, well rounded software engineer. Great attention to detail and very eager to continue gaining experience.

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📍 Adelaide, Australia

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## EDUCATION

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### Bachelor of Information Technology (Software Development)

University of South Australia

02/2018 – 11/2020

*Capstone project: Project Manager & Developer role in designing, developing, and deploying a web-based data management system for researchers to efficiently capture and store test data using Django Framework, Python, HTML, CSS, JavaScript, PostgreSQL, version control tools/GitHub & design documentation.*

### Diploma in Music (Sound Engineering)

Adelaide University

03/2014 – 11/2014

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## TECHNICAL IT SKILLS

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### Tools

VSCode, Linux, MS Visual Studio, GitLab/GitHub, GitLab Pipelines, Jira, Confluence, Ansible, Ansible Tower, Kubernetes, Docker, VMware, VSphere, GoTest, Global Mapper Pro, Eclipse, JUnit Testing, JavaFX, IntelliJ IDEA, Mockito, Qt Creator, Qt Test, XCode, Trello, Postman, Draw.io, Figma, Microsoft Excel, Microsoft 365

### Languages

Python, Golang, Protobuf, Java, C++, C#, VB.NET, JavaScript, SQL, ASP.NET, HTML, CSS, Swift, Unix Shell/Bash

### Database Management

PostgreSQL, Microsoft SQL Server 2017, Oracle SQL Developer

### Frameworks / Libraries

Django, Angular, React, Bootstrap, Matplotlib

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## WORK HISTORY

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### Software Engineer Associate

Lockheed Martin Australia

08/2021 – Current

*Advanced Technologies*

*Achievements/Tasks*

- Worked as a Software Engineer Associate in an agile team environment on the FSP (Future Submarine Program) CSI (Combat Systems Integration) designing and developing translation services in Golang and front end applications in React while using test driven development to assist in writing clean, efficient, bug proof and standardised code.
- Pivotal role in key deliverables on project JORN HPA-PH2. Independently designed and developed dozens of python scripts to operate various HF hardware in a lab environment, generating CSV data and graph plots from measurements and recordings based on specific requirements for characterisation /post-analysis / requirement verification and validation.
- Worked on JP9711 in a DevOps role, supporting other developers environments/VM's, writing Ansible scripts, GitLab Pipelines, and Kubernetes to automate deployments of builds and tool installations.
- Python and Angular development in JORN related software systems under the ESC R&D team.
- Applied robust and flexible software engineering skills to adapt to new roles, environments and projects, learning new skills and technologies efficiently, and able to quickly become a valuable contributor to any team.

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## Caterer

### ACH Highercombe

12/2015 – 8/2019

*Aged Care Facility*

#### *Achievements/Tasks*

- Prepared and/or cooked breakfast and lunch or dinner to 30 residents in a highly pressurized working environment with a diverse range of customers/residents and dietary requirements.
- Served food & beverages and delivered a professional and friendly customer service experience to all residents and visitors.
- Worked well independently and in cooperation with co-workers, proving to be a valuable team member.

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## ORGANIZATIONS

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### CouchWarriors South Australia (2017 – 2020)

*Tournament Organizer, Stream Engineer*

#### *Achievements/Tasks*

- Successfully helped organize and run a 250 person fighting game tournament held at The University of Adelaide
- Setup and operate the live stream for tournaments streamed to twitch.tv
- Regularly help run local tournaments on a weekly basis for the active community, applying communication, teamwork and leadership skills

### Downfall Gaming (2018 – 2021)

*Professional Sponsored SSBU eSports Player*

#### *Achievements/Tasks*

- Top ranked fighting game eSports player in South Australia from applying hard work and dedication to a hobby

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## PROJECTS

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### Engineering Data Management System (EDMS)

08/2020 – 11/2020

EDMS is a web application developed for researchers under Uni SA's Future Industries Institute (FII) conducting research on thin film coatings to store, manage & analyse test data. Designed and developed from scratch with the Django framework, the software has functionality to upload various tests and sample metadata, export data, database search with filtering, and more. Delivered detailed SDD and user manual to the client alongside software source code. Graded High Distinction. Demo video can be seen at [www.andrepesce.com](http://www.andrepesce.com)

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## CERTIFICATES

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Bachelor of Information Technology (Software Development) (2020)

Diploma in Music (Sound Engineering) (2014)

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## INTERESTS

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Technology, Music, Exercise/Gym, Reading, Travel, Video Games, Social Gatherings, Movies

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## REFERENCES

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Daniel Stone

*Functional Manager – Lockheed Martin Australia*

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Rodney Pratt

*Client - Capstone Project: Engineering Data Management System*

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