# Jarred Vardy

# Briefly

Jarred Vardy, DOB June 19th 2000. Software engineer living in Brisbane, Australia.

Email:     jarred.vardy@gmail.com
GitHub:   https://github.com/vardy/
Website:  https://jarredvardy.com/

# Experience

## Professional and Community-Based

### Full-Stack Web Developer at AsiaL10n          *Jan 2019 - Aug 2019*
- Produced two fully-featured and functioning web portals, solo;
- Utilised the PHP Laravel framework with VueJS on the front-end;
- Ensured accessibility in the UI/UX;
- Updated the main website with SEO and increased efficiency by implementing a PWA architecture, optimising page load times;
- Solved technical issues in legacy proprietary software to allow for a smoother workflow for employees.

Sample project: https://github.com/vardy/AsialionTalentPortal/

### Project Manager and Developer for IB.ai          *Jun 2017 - Present*
- FOSS community-oriented and funded project;
- Build the Discord bot in Java employing advanced language constructs and APIs;
- Optimised greatly to reduce memory consumption;
- Lead the project in way of design and architecture. Employed Kanban and other project-management tools and worked with three other developers;
- Implemented database schema with Redis;
- Localised text into multiple languages and oversaw the translation process;
- Lead DevOps, using Docker and remote Linux hosts with continuous integration.

Source code: https://github.com/ib-ai/IB.ai/

# Selection of Personal Projects

### Aphelia - X11 Window Manager                                    *2018*
- Written in C;
- Designed to be anti-bloat and lightweight;
- Built to learn the X11 API out of curiosity.

Source code: https://github.com/vardy/Aphelia/

### DockerVolumeBackup                                              *2019*
- Written in Python;
- Automatically schedule backups for Docker service volumes;
- Backs up to S3-compatible object storage systems using the Boto3 AWS library;
- Written to be fully configurable and easily used as a sidecar service with primary Docker service/microservices;
- Used regularly in many of my own projects.

Source code: https://github.com/vardy/DockerVolumeBackup/

# Events and Other Jobs

### Events
- Volunteered as a Scouts Troop leader during my gap year (2019);
- RedpwnCTF Hackathon (2019);
    - Participated as a team and came top $19^{th}$/900 place;
    - Solved computer-science and programming related puzzles;
- TEDx event audio technician (2018).

### Jobs
- Café barista, cashier, dishwasher (2016).

# Education

**2020 - 2023  Bachelor of Computer Science**
- Studying at the University of Queensland;
- Major in cyber security.

**2017 - 2018  International Baccalaureate Diploma**
- Graduated with 37 points.

# Personal

**Citizenship**  Australian

**Date of Birth**  June 19$^{th}$ 2000

**Hobbies**  Climbing (both indoor and outdoor), slacklining, surfing, long-distance running (sub-3hr Marathon goal), tutoring programming to under-represented students, volunteering for open-source projects.