Aryo Javanmard

(+61) 406 211 192 - aryoj.dev - aryo.javanmard@gmail.com - www.linkedin.com/in/aryojavanmard/- github.com/Aryo-Javanmard

Education
- **University of Adelaide**
Bachelor's of Mathematical and Computer Sciences   Mar 2021 - Present
- **Salford College**
Certificate III in Micro Business   Jan 2019 - Jan 2020

Projects
- **Neural Network Image Detector (Python + Tensorflow)**
Built a neural network with Tensorflow and Keras that detects if an image contains a cat or a dog. The program is able to self-improve from a 60% accuracy to a 98% accuracy over the course of 10 tests and 2000+ sample images, uses the kaggle cats and dogs image database.
- **Weather Web-app (HTML,CSS,JavaScript, OpenWeatherAPI)**
Built a web-app that takes the location of the user to give the weather for their location. Along with HTML, CSS and JavaScript the code uses the OpenWeatherAPI to get the weather information using the fetch() method. The data is processes as JSON and the relevant weather is displayed on the webpage using the DOM (Document Object Model) API.
- **Self Driving Car (Python + Raspberry Pi Zero)**
Developed a self driving car using Python with a partner that would avoid obstacles. Was written and executed on a Raspberry Pi Zero which was connected to a RC car retro-fitted with ultraviolet sensors. This involved collaboration with my partner and myself on features such as; testing, design, code implementation and bug fixes.
- **Sudoku Solver (Python)**
Used backtracking to create a Sudoku solver on Python. Was able to complete 50 puzzles in 23 seconds.
- **RPG Game (C++)**
Built for a RPG style video game with a partner that utilised classes and objects to create assets for the game to use. I collaborated with my partner and was responsible for the implementation of objects and classes along with testing at the later stages of development.

Work Experience
The Academy By Deloitte - Internship   Aug 2023 - Sep 2023
- Incoming intern for "The Academy" program at Deloitte where I will be working in a team solving projects in relation to tech consulting.
ICT Support Officer - McMahons Services   June 2021 - July 2022
- Deployed an animated gif for email signatures by using tools such as Exclaimer and the HTML stack. Once deployed the email signatures of all 3000 users were animated.
- Worked with the AGILE approach to project management where I worked in a team with mentors and daily assigned tasks.
- Was responsible for onboarding and technical support of all new users, with experience setting up server side configuration tools to onboard new users.

Extra Curricular
Friends of the Billabong   Jan 2018 - Jan 2019
- Helped the local community clean up trash from the St.Peters Billabong that connected to the river Torrens. I attended these events on Sundays during the School Term and Mondays during the holidays.

Skills
Programming in Multiple languages (C,C++,MATLAB, javaScript, HTML,Node.js and Python)