


Christian Ilagan

Computer Science Graduate

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 <https://github.com/cmilagan>

 <https://cmilagan.github.io/webv2/>

Experience

Software Engineering Intern 2021 Dec - 2022 May
Toshiba | Sydney

- Developed tests in Python to improve testing coverage and quality.
- Implemented features in JavaScript as part of the applications .NET framework improve user experience through plugins of printing drivers.
- Participated in product release packaging to clients, understanding the process of deploying code to be utilised and accessed by clients.
- Prepared and read documentation for new implementations for the plugins ported and new technology.

Software Team Member 2021 Feb - 2021 Dec
StimPact | UNSW Sydney

- Developed user-friendly & intuitive software for researchers of neural stimulation to easily interpret.
- Developed a wirelessly controlled neural stimulator, working with firmware. Working with Microcontrollers, Microprocessors in C.
- Worked in a multidisciplinary team of software, electrical and mechatronic engineers to formulate an end to end working solution for the neural stimulator.
- Operated in a small sub team of 3, including 2 other software developers to improve the efficiency and power consumption of the previous years model.

Volunteer Experience

IT Team member 2022 Feb - 2022 Dec
UNSW Finance and Banking Society

- Maintained and managed the Finsoc website, adding new pages and features using Wordpress, PHP and CSS.
- Worked within a team of 8 creating fun and practical projects to engage members of Finsoc, including discord bots allowing members to play small games.
- Lead and managed a small sub-team for workshop presentation on HTML/CSS. Presenting introductory content to web development

Media Subcommittee 2022 Feb - 2022 Dec
UNSW Data Society

- Created a variety of media content including videos, newsletters, blogs and events to increase DataSoc's student outreach and showcase what DataSoc is about.
- Worked within a team of 5 to push forward new initiatives/ideas to improve interaction with students.
- Engaged and conducted interviews with a diverse range of people including that of professional consultants and students from UNSW to understand the future prospects of Data Science and potential pathways.

Marketing and Media Subcommittee 2021 Feb - 2021 Dec
UNSW Data Society

- Designed visually appealing banners for multiple society events, maximising traction and advertising to large student group.
- Worked collaboratively within a small portfolio of 5, conducting weekly meetings to discuss the outcomes and next steps to promote the society.

Skills

Programming Languages

Python, Java, C, Javascript, HTML, CSS, SQL, Shell Scripting (incl. Bash), Perl

Libraries and Frameworks

ReactJS, Flask, Django

Tools and Platform

Linux, Git

Projects

Blue Space Rentals

ReactJS & Django

Scrum master and full stack developer for project focusing on providing and hosting car park spaces

AirBrB

ReactJS & Material UI

Developed AirBnB replica with all core functionality on the frontend

Messaging App RESTful API

Python (Flask)

Developed a flask RESTful API backend and an exhaustive test suite for a messaging app

Motify

ReactJS & Styled Components

Developed a chrome extension for reminder notifications on your browser

Education

University of New South Wales

BS Computer Science

Feb 2020 - Expected Dec 2022

98 | Data structures and Algorithms
88 | Algorithms & Programming Tech
85 | Computer Systems Fundamentals
85 | Programming Fundamentals
83 | Web Front-End Programming