

# Aadi Dapurkar

[aadidapurkar04@gmail.com](mailto:aadidapurkar04@gmail.com) | <https://aadi.au>

Australian Citizen in Melbourne, Victoria

## Education

- Monash University, Bachelor of Computer Science Jan 2023 to May 2026

## Projects

[Lockin](#) - Chrome Extension

[Portfolio Writeup](#) | [Download](#) | [Github](#)

- Summary - A unique productivity extension which controls browser state via Chrome API to maintain user focus.
- Implemented with TypeScript & MVC Architecture, ensuring readable and event driven code
- Used Browser Local Storage to persist user preferences across sessions.
- Leveraged Chrome API to implement a [Tab Lock](#) feature, which detects when the user switches away from a locked tab, and reverts that action. Also implemented [Tab Limits](#) and [Site Bans](#).
- Debugged and fixed an issue which allowed users to [exploit](#) the underlying Chrome API implementation to cheat the Tab Lock feature.
- Conducted User Testing, identified and resolved [edge cases](#) caused by invalid input.

[Wikipedia Explorer](#) - Website

[Portfolio Writeup](#) | [Website](#) | [Github](#)

- Summary - A website which allows users to lazily explore related Wikipedia topics, creating a Graph which can be viewed and downloaded.
- Queried Wikipedia REST API and parsed JSON responses to get topic and subtopic data
- Implemented exploration with a Graph Data Structure, used Vis.js for rendering, also implemented Graph Downloading.
- Implemented [UX optimisations](#) such as Tooltips on first load, keying Enter to submit buttons, loading animations, as well as pagination.

## Technical Skills

- Programming: Python, TypeScript, Go. Web: React, Node.js, HTML/CSS. Databases: MongoDB, PostgreSQL. Other: Git, Data Structures, Algorithms, Web Scraping, REST APIs.

## Experience

*Deli at Woolworths*

*Jan 2023 to Present*

- Serving customers, cooking roast chickens, cleaning dishes/workspaces/ovens, slicing and filling meats. Learned time management, communication and teamwork.

*Data Entry Officer at Victorian Electoral Commission*

*Nov 2022 to Dec 2022*

- Passed typing/data entry interview (100+ WPM). The job involved parsing handwritten voting data and postal votes into digital format for the Federal Election.