Riley Mitchell

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About Me

A passionate computer science student with a particular interest in web development. I am eager to work along side and learn from the industries best while I complete my 3rd and final year in my undergraduate degree. I also have a huge drive for competitive swimming which I train for 8 times a week. Recently competing in the 2024 Australian Olympic Trials, I hope to one day qualify for an Australian National Team while I complete my degree and gain more invaluable experience that I can use to further a career as a full stack developer.

Education

University of Melbourne　Melbourne, VIC
Bachelor of Science, Computing and Software Systems　Feb 2022 - July 2025

Work Experiecne

Arena Swimming Melbourne　Melbourne VIC
Store Manager　July 2024 - Present

- Manage stock.
- Assist in administrative tasks.
- Oversee sale of world renowned competitive swim suits.

Kooyong Tennis Club　Melbourne VIC
Wait Staff　January 2023 - August 2023

- Interacting with and elating a wide variety of clients and members.
- Perform waiter duties in a high stress environment while maintaining strict detail.
- Work effectively in a team in a fast paced changing environment.

Portsea SLSC 'The Cub' Restaurant　Mornington Peninsula, VIC
Bartender / Wait Staff　December 2018 - December 2023

- Mixed complex drinks under extremely busy conditions.
- Kept track of stock and needs of patrons.
- Worked effectively in a team to allow each other to do their respective jobs to the best of their abilities.

Skills

Programming Languages:	Javascript, Java, Python, C, SQL, HTML, CSS
Technologies:	Express, Mongoose, MongoDB, SQL, Pandas, Github, Postman, Thunderclient
Swimming:	Butterfly, Freestyle
General:	Teamwork, Coordination, Resilience, Hard Working

Projects

Library Management System (ongoing) *Node JS, Express, Mongoose, MongoDB, AWS*
Creating a RESTful API that incorporates JWT authentication for a Library Management System designed to handle inventory, deal with member registrations, manage book loans and host administrative actions.

Autocomplete Radix Tree *C, MAKEFILE*
Developed an Autocomplete Radix Tree in C, implementing a highly efficient data structure with lookup, insertion and deletion operations operations designed to elevate search functionality, providing a way to store strings in a space-time-efficient manner while supporting autocomplete suggestions.

Parsons Problems Webapp *Node JS, Express, Mongoose, MongoDB, AWS*
Spearheaded backend development on a Parsons Problems web app, personally implementing a RESTful API that utilizes role based JWT auth to control route access and CRUD operations on user data.

Awards

Australian Swimming Trials Competitor　Swimming Australia
Competed in the 2024 Australian Olympic Swimming trials　July 2024

Australian Open National SC Finalist　Swimming Australia
Placed 6th in the 2023 Australia Open National Short Course for 200 Butterfly A Final　Sep 2023