**Jared Tucker**

Jntucker02@gmail.com | [LinkedIn](https://www.linkedin.com/in/jared-tucker-00ba74250/) | [GitHub: Dawaad](https://github.com/Dawaad/NextJS-Spotify-App) | [Personal Site](http://www.jtucker.io)

Software Engineer

**Education**

**Monash University** February 2021 - Current

Bachelor of Computer Science Melbourne, VIC

**Technical Skills**

**Languages:** TypeScript, JavaScript, Python, Java, Swift, C++,

**Frontend Frameworks:** ReactJS, Next.js

**Backend:** NodeJS, Express, FastAPI, MongoDB

**Experience**

**Retail Associate** November 2021 – Current

Laurent

* Consistently met or exceeded daily sales goals, resulting in increased revenue for the business.
* Successfully managed multiple tasks and responsibilities including processing transactions and preparing orders, while consistently meeting or exceeding performance goals.
* Successfully resolved customer complaints and enquiries in a timely and effective manner, resulting in increased customer satisfaction and retention.

**Crew Coach** March 2020 – November 2021

McDonald’s

* Trained and developed 7 new team members, with all new employees passing their training assessments.
* Demonstrated strong leadership skills by successfully leading teams from 3-7 employees to maintain and hit set KPI’s.
* Demonstrated strong collaboration and delegation skills by working effectively with team members to achieve daily operational goals and meet customer needs by ensuring all important tasks were always covered.

**Crew Member** January 2018 – February 2020

McDonald’s

* Consistently met production goals, including the completion of 70+ orders per hour during peak periods.
* Ensured compliance with food safety standards through the completion of all daily quality control checks and maintaining a clean and organised work environment.
* Successfully adapted to new roles and responsibilities, including learning new menu items, job roles, and handling unexpected situations, resulting in improved operational efficiency and customer satisfaction.

**Community Events**

**UNIHACK 2023** March 2023

* Participated in UNIHACK 2023 hosted by UNIHACK inc, collaborating with a team of 6 to develop a project within 48 hours using OpenAI's natural language processing to simplify project management by breaking down main projects into subtasks for better productivity, Utilising ReactJS, FastAPI, OpenAI API and MongoDB.

**Projects**

**Flex Task** | ReactJS, JavaScript, FastAPI, OpenAI API, TailwindCSS, MongoDB [GitHub](https://github.com/Davit-G/barbell-squat-enthusiasts) – [Devpost](https://devpost.com/software/quick-tasks)

* Utilized OpenAI’s natural language processing capabilities to analyse and understand the input description of project
* Leveraged Machine learning algorithms to generate relevant subtasks based on the input description to help increase user productivity and workload management capabilities.
* Utilized FastAPI for the backend and ReactJS for the frontend, along with MongoDB to store user data.

**Data Structure Visualisation** | ReactJS, TypeScript, TailwindCSS [GitHub](https://github.com/Dawaad/data-structure-visualiser)

* Developed a data structure visualisation tool for graphs to run well known graph algorithms in real time.
* Incorporated popular and well-known algorithms including Dijkstras, BFS and others to be run on the graph, requiring efficient and effective algorithm design
* Utilised a deep understand of graph theory concepts to build a manipulate the graph.
* Developed all data structures, algorithms and traversal stylings without the use of external libraries.

**Spotify Redesign** | Next.js, TypeScript, NextAuth, Spotify API, TailwindCSS [GitHub](https://github.com/Dawaad/NextJS-Spotify-App)

* Developed a redesign of the Spotify platform using Next.js and the full functionality of the Spotify API
* Created a user friendly and fully responsive interface to allow users to play music from the app directly to official Spotify applications and to view their playlists.
* Leveraged Next.js for server-side rendering and improved performance, ensuring a seamless user experience.