

Tom Golding

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Skills

- Javascript | Typescript | Java | ReactJS | NodeJS | C++ | HTML | CSS | MySQL | firebase | Git | GitHub | npm | CI/CD | Material UI | Design patterns | OOP | Figma

Education

University of Technology Sydney

Bachelor of Computing Science (Honours),
Major in Enterprise Systems Development

March 2021 - June 2024

GPA: 6.17 | WAM: 81.61

Related coursework

Applications programming, Theory of Computer Science, Web Systems, Fundamentals of Interaction Design, Advanced Algorithms, Data Structures, and Algorithms

Relevant Experience and Projects

Assignment Planner (unfinished)

December 2022 - Present

- Tools used: ReactJS, CSS & Figma
- The app is designed to allow a student to keep track of their upcoming assignments and marks for each assignment, as well as calculate their mark for an individual subject. Allows students to plan out their semester with ease of use. The project code can be found on GitHub [here](#), and a live demo of the current version is [here](#).

Lexical and Syntactic Analyser

September 2022 - October 2022

- Tools used: Java
- Both assignments were done in conjunction with Theory of Computer Science for uni, the first was to construct a lexical analyzer that outputs a sequence of tokens based on its inputs, and the second was to build a parser that checks the syntactic correctness of the Java language and output a parse tree. The project code can be found on GitHub here, [lexical](#) and [syntactic](#).

Frontend Demo pages

July 2022 - Present

- Tools used: Javascript, React, HTML, CSS & Figma
- Used resources such as Frontendpractice.com to work on my skills through the list of websites they list, these projects can be found on GitHub [here](#). The most recent live demo can be seen [here](#).

Real-time chat app

December 2022 - December 2022

- Tools used: ReactJS, CSS & Firebase
- A quick side-project to learn the fundamentals of Firebase user authentication and their Cloud Firestore database, which also allowed me to hone my skills in React. The GitHub code can be seen [here](#), as well as the live demo [here](#).

Facebook Clone

December 2022 - December 2022

- Tools used: ReactJS, Material UI, & CSS
- The clone was made to practice ReactJS and other web technologies, such as Material UI fundamentals, and further CSS progression. The GitHub code can be seen [here](#), as well as the live demo [here](#).

Work experience

University of Tech Sydney- Academic Tutor

February 2024 - Present

Facilitate student learning in the complex field of data structures and algorithms. Through personalized instruction, I assist students in comprehending fundamental concepts, problem-solving strategies, and algorithmic design principles. My role involves conducting interactive sessions, providing clarifications, offering practical examples, and guiding students through challenging exercises and projects. By fostering a supportive learning environment, I aim to empower students to develop strong foundational skills crucial for success in computer science and related disciplines

Aldi - Retail Assistant

April 2019 - Present

Roles include: Serving and assisting customers in a professional and efficient manner, operating registers and calculating change manually, ensuring shelves are fully stocked with products, training to use equipment to move stock safely, merchandising stock storewide, cleaning and maintaining store standards

A little bit about me

I am a passionate and driven individual, I am a good problem solver and enjoy challenges as it gives me an opportunity to develop my personal skills. Outside of my passion for web development, I enjoy playing guitar, with a specific interest in the blues genre.

References

References available upon request