

Benjamin Timothy Lee

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EDUCATION

University of Western Australia – Perth, WA

Graduation: July 2024

Bachelor of Science | Computer Science & Accounting – Double major

- **Coursework includes:** Cyber Security, Database Management, Data Structures, Algorithms, Discrete Structures, Machine Learning and AI, Computer Networks, Agile Web Development, Graphics and Animation, Management Accounting, Corporate Accounting, Taxation, Auditing, Financial Theory, Financial Statement Analysis, Marketing and Management

Christ Church Grammar School – Perth, WA

Graduation: 2016

EXPERIENCE

Kitchen Manager

August 2017 - Present

McDonald's

- Led and managed a team in the swift and accurate serving of fresh product to customers while in a fast-paced environment.
- Managed the training and mentoring of 30 new staff members, validated compliance with company standards.
- Directed the monthly preparation of staff shift rosters in alignment with company objectives while meeting labour budget targets for the period.
- Maintained a safe and hygienic kitchen environment, meeting kitchen food safety regulations and standards, resulting in zero violations during routine inspections.
- Implemented and enforced cash handling policies and procedures to ensure compliance, maintain accurate records and safeguarding company assets.

PROJECTS

Web Sockets w/ Full Stack Development

November 2023 – February 2024

Multiplayer Wordle game web application

- Designed and implemented a Python web application incorporating Web Sockets for real-time multiplayer functionality in the game component. Load tested the application to handle over 1000 concurrent users without significant performance degradation.
- Developed and implemented security measures such as salting for user information stored in SQL databases to enhance cybersecurity, ensuring the protection of data for a large user base.
- Utilized Flask for handling HTTP requests, routing within the web server, managing user interactions and leaderboard functionalities.
- Deployed the application on AWS for seamless cloud hosting of the application, ensuring scalability and reliability for multiplayer gameplay and data storage.

Personal Finance Tracking w/ Python, SQL, and Excel

June 2021 – September 2021

Budget vs actual expense tracking and analysis

- Designed and created Excel spreadsheets utilizing INDEX/SUMIFS to perform lookups based on specific criteria, to then automate the creation and preparation of personal financial reports vs budgets for over 200 transactions per month.
- Developed Python scripts to read bank statement CSV files, apply regex filters, and writing cleaned transactions to Excel to streamline the process of generating financial reports, saving over 20 hours of manual work monthly.
- Utilized SQL to optimize data storage and improving data retrieval efficiency, reducing query execution time by 50% for data analysis tasks.

SKILLS & INTERESTS

Skills: Java, Python, Excel, C/C++, Kotlin, HTML, SQL

Affiliations: Suburban Lions Hockey Club, University Computer Club, Computer Science Students Club