BRENDON WONG

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SUMMARY

Motivated and detail-oriented Bachelor of Computer Science graduate, specializing in Distributed Systems and Networking. Possesses a strong foundation in algorithm design and data structures (ADDS), and a strong academic background in distributed systems and software engineering processes.

ACADEMIC PROJECTS

Bachelor of Computer Science Majoring in Distributed Systems and Networking | The University of Adelaide | 2021 - 2024

<u>Notable Programming Projects</u>

Paxos Algorithm Implementation | October 2023 - November 2023

Objective:

- Implement a fault-tolerant Paxos voting protocol for a Suburbs Council Election Simulation.

Technologies Used:

- Java, Sockets, Locks

Key Achievements:

- Developed a central server to achieve consensus among 9 members (3 of whom were candidates).
- Achieved mutual exclusion for all members with threads and locks; managed message delays during communication.

Link:

- https://drive.google.com/drive/folders/1r9vW0HJ1RIotvdv8IBtK2EMFEOIkl5y3?usp=sharing

HTTP Client and Server | August 2023 - October 2023 (First Java Project)

Objective:

- Implement a HTTP Server to distribute weather data to clients.

Technologies Used:

- Java, Sockets, HTTP requests, Lamport Clocks, Timers, JSON, Synchronization

Key Achievements:

- Implemented Server, Client and Content server. Content server serves updated weather information to server and client can request updated weather information from the server.
- Implemented a Server that handles file-based weather updates, ensuring accurate data synchronization.

Link:

- https://drive.google.com/drive/folders/1D3aPwj3-2VAmfpq3OURRnfyqRQIUzqlA?usp=sharing

TECHNICAL SKILLS

Programming Languages & Frameworks

- C/C++
- Java
- JavaScript
- HTML/CSS
- SQL/MySQL
- REST API
- NodeJS

JOB-READY SKILLS FROM PRIOR ROLES

Administrative Assistant

Negotiators Real Estate | May 2024 - Present

- Quickly adapted during a software migration phase by adopting a new software, Cirrus 8, and the old software RP Office to manage the migration of data, becoming proficient in two weeks.
- Collaborated with supervisors to define clear expectations and timelines.
- Provided technical support to colleagues, resolving computer-related issues.
- Analysed problematic accounts to identify and correct errors.
- Served as the first point of contact for incoming calls, efficiently directing inquiries to the appropriate team member

Student Group Leader/President (Volunteer)

Hope Church Adelaide (ASM) | Jan 2024 - Present

- Developed strong problem-solving and communication skills through leading Bible study discussions and resolving group conflicts, which directly translate into effective customer service by fostering positive interactions and addressing concerns with empathy and clarity.
- Mediated conflicts between group members, fostering a positive and supportive group dynamic.
- Organized group events for a group of 60. Managed event budgets and scheduling ensuring a well planned and executed day.
- Participated and contributed to regular group leader meetings to discuss upcoming events, coordinate activities, and develop strategies for student outreaches.

Front of House Staff

City Zen Restaurant | March 2022 - December 2022

- Delivered professional customer service by engaging with guests and resolving complaints efficiently.
- Mastering the menu and wine pairings within one month. enhancing guest experience.
- Collaborated with other team members to maintain a comfortable dining atmosphere.

REFERENCES

April Lee (Negotiators Senior Assets Facilities Manager)
- 0404 555 609
- april@negotiatorsrealestate.com.au

Ronnie Poon (City Zen Manager)
- 0430 649 338
- ronnie.poon@hotmail.com

David Tan (Hope Church Unit Leader)
- 0415 141 676
- davidtancw@hotmail.com