Max Bui

+1 (613) 501-4838 | maxbui@cmail.carleton.ca | linkedin.com/in/maxbui04 | github.com/Maxsta69

EDUCATION

Carleton University   Ottawa, ON
Bachelor of Engineering in Software Engineering   *September 2022 – May 2027 (Expected)*

- 3rd Year Standing Undergraduate Student, 8.38/12.0 Major CGPA (B)
- Relevant Courses: Computation and Programming (Python), Data Management (Python), Foundations Imperative Programming (C), Object-Oriented Software Development (Java), Computer Organization and Architecture (Assembly), Algorithms & Data Structures (Python)

TECHNICAL SKILLS

Languages: C/C++, Python, Java, HTML/CSS, JavaScript, SQL, Assembly
Developer Tools: Visual Studio Code, Wing101, BlueJ, Git, Eclipse, Excel, Logisim
Libraries/Frameworks: Matplotlib, JUnit, MongoDB

PROJECTS

Tic Tac Toe GUI | *Java, BlueJ*   Feb. 2024 – March 2024

- Developed a GUI-based Tic Tac Toe game using Java, allowing two players to compete with a graphical representation of the game board
- Implemented features for tracking player statistics, including wins and ties, with real-time updates on the interface
- Integrated sound effects and custom icons to enhance user interaction, creating a more engaging user experience
- Designed a menu system with options to start a new game or quit, ensuring user-friendly and intuitive application
- Applied object-oriented principles to structure the game logic, including methods for checking win conditions, handling player turns, and resetting the game

Text-Based FaceBook | *C, Visual Studio Code*   Oct. 2023 – Nov. 2023

- Developed a text-based social networking application simulating core Facebook features such as user profiles, friend connections, messaging, and status updates
- Implemented a user authentication system to handle user login, registration, and profile management using C
- Designed and managed data structures for efficient handling of user information, friend lists, and message storage
- Built command-line interfaces for user interaction, supporting commands for adding friends, sending messages, and viewing updates
- Optimized algorithms for searching and retrieving user data, ensuring quick access to profiles and messages
- Tested and debugged the application to ensure stability, scalability, and user data integrity
- Documented the code and project architecture to facilitate future enhancements and maintenance

EXPERIENCE

Head Waiter   July 2020 – Present
PhoTuan   *Ottawa, ON*

- Efficient and proper food handling, and restaurant protocols
- Monitor the dining room to ensure optimal guest experiences
- Answer customer inquiries and resolve issues promptly
- Assist customers with making menu choices in an informative and helpful fashion
- Effectively communicated with kitchen staff regarding customer allergies, dietary needs, and other special requests