Adam Mais

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Technical Skills

Programming: Java, Python, MySQL
Tools/Environment: GitHub, Visual Studio Code, Eclipse, Linux, MySQL Workbench
Testing: JUnit, GDB, Selenium
Web: HTML5, JavaScript, React, CSS, OWASP
Cloud: Azure Cloud Services (AZ-900), Azure Static Web Apps, Azure Functions

Education

Computer Science BSc

University of British Columbia   *September 2021 – April 2024*
- Relevant Courses: Software Construction, Introduction to Relational Databases, Computer Hardware and Operating Systems, Computer Graphics, Intermediate Algorithm Design and Analysis
- Game Development Club, Metropolitan FC

University of Victoria   *September 2019 – April 2021*
- Relevant Courses: Software Development Methods, Computer Architecture, Algorithms and Data Structures
- 85% average, Victoria Castaways Football Club U-21 Team, UVIC Stem Cell Club

Technical Projects

Multiplayer Dominoes Game   *Fall 2022*
- Developed game using React, Socket.IO, and Phaser
- Users can create or join a game room with the randomly generated game code
- Dominoes can be dragged and dropped, and automatically orient themselves

Open AI API Client Application | Link   *May 2022*
- Built sample REST client application using React. The application sends input text to the OpenAI API via a POST request and displays the retrieved results in a list
- The JavaScript code uses the useState React hook to update the results list
- Used the react-bootstrap library to add basic styling

Condotel Booking Database Application   *Spring 2022*
- Analyzed booking requirements of condotel owners
- Designed ER diagram and schema, then normalized all tables
- Designed GUI using Java Swing and connected it to the MySQL database
- Main functionalities allowed users to add bookings, view bookings, cancel bookings and view employee status at condotels

Calendar Application | Link   *Nov 2021*
- Implemented in UBC's CPSC 210 Software Construction class using Java
- Allowed users to add recurring events and remove events from the calendar, and save and load the contents of the calendar using a JSON file
- Ensured the application worked correctly and had full code coverage using JUnit tests

UVIC Stem Cell Club Website | Link   *Jan 2021*
- Designed and created the UVIC Stem Cell Club website
- The website is hosted on Azure and was implemented with HTML, CSS, and JavaScript

Work Experience
Jusaves (a start-up company with 5 employees) – Co-op Developer　　　　　　*Fall 2022*
- Worked on multiple projects spanning several industries and applications; projects included web scraping, mobile application development of a parking app and creating construction presentations and videos
- Technologies included Python, Selenium, React Native, GitHub, PowerPoint, and basic video editors
- Worked independently under dynamic conditions with multiple considerations.

Granville Island Ferries – Ferry Operator　　　　　　*Summer 2019-2021*
- Captained a ferry boat around the busy Vancouver harbour. Responsible for navigation and safe transport of customers on a 12-passenger vessel
- Managed dock locations in False Creek by handling ticketing, customer service, closing, and boarding
- Communicated via radio with other employees to ensure efficient transport of customers

Vancouver General Hospital – Volunteer at retail store　　　　　　*2018/2019*
- Responsible for opening and closing the retail store, cashiering duties, dealing with customers courteously, and training new staff
- Helped raise money for VGH

Awards & Certifications
- *University of Victoria Entrance Scholarship ($2000)* - Awarded for outstanding academic achievement
- *2019 BC School Sports Vancouver Zone Scholarship ($750)* - Awarded to the top grade 12 student who excelled both academically and athletically
- *Loblaws Scholarship ($1500)* - Awarded for outstanding academic achievement, community service and a thoughtful essay
- *2019 CEU Bursary ($850)*
- National Lifeguard, Water Safety Instructor, Bronze Medallion, Bronze Cross, Standard First Aid
- Small Vessel Operating Proficiency, Marine Emergency Duties A3 (MEDA3), Restricted Operator Certificate - Maritime