

VITTORIO MAZZUCA

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EDUCATION

University of Alberta
Bachelor of Science Computer Science

Edmonton, Alberta
Sep 2017 - Jun 2022

SKILLS

Programming Languages: Python, C#, JavaScript, Java
Frontend: HTML, CSS, Tailwind, SASS, React, Redux, Material UI
Backend: .NET Core, ASP.NET, NodeJS, Express, SQL, MySQL, MongoDB
Technologies: Github, Git, UML, Firebase, Postman, Android Studio, Windows, Linux, JWT, Socket.io

PROJECTS

Tabletop Finder <https://github.com/vamazzuca/Tabletop-Finder>
React, Tailwind, Javascript, NodeJS, Express, MongoDB

- Tabletop Finder is a full-stack social platform harnessing Board Game Geeks API for effortless creation of tabletop gaming events, complemented by user profiles to foster connections among enthusiasts.
- Implemented robust event search functionality, empowering users to effortlessly discover and join tabletop events in their city, supported by a modern frontend developed using React and Tailwind.
- Engineered a scalable REST API backend with NodeJS and Express, optimized for efficient data retrieval and storage, while integrating a real-time group chat messaging system using socket.io, all backed by a MongoDB database ensuring data accessibility across event, profile, and group chats.

Labyrinthium <https://github.com/vamazzuca/Labyrinthium>
React, Tailwind, Javascript, .NET Core, MySQL

- Labyrinthium is a full-stack web application utilizing the Google Maps API to help users discover and explore local Canadian escape rooms, complete with user profiles for tracking completed rooms.
- Developed a responsive frontend using React and Tailwind, featuring a robust search engine that allows users to find escape rooms based on location and other search criteria, marking them on an interactive map for easy discovery.
- Implemented a scalable .NET backend with MySQL for secure data management, and integrated user authentication and tracking, enabling users to log in and track their completed escape rooms on their personalized profiles.

BookBox <https://github.com/vamazzuca/BookBox>
Java, Android Studio, Firebase

- Bookbox is an Android application developed in Android Studio using Java, focused on simplifying book borrowing and lending processes. Implemented a request system for efficient management of incoming requests, enhancing user interaction.
- Integrated Google Firebase cloud infrastructure for scalable storage of essential information, ensuring reliability in managing books, user profiles, and images.
- Established a friendly user experience with features such as an ISBN scanner for easy book collection management and enabled users to search for books within the application and specify geographical locations on a map for seamless book handovers.

WORK EXPERIENCE

Mazzuca Contracting Ltd. Sherwood Park, Alberta
Administrative Assistant May 2020 - Present

- Utilized QuickBooks for bookkeeping tasks, including invoicing, expense tracking, and financial reporting.
- Organized physical files in a file cabinet, streamlining retrieval processes and enhancing overall office efficiency.
- Conducted regular reconciliations of financial data in QuickBooks to maintain accuracy and resolve discrepancies.
- Utilized a systematic approach to assess inventory levels, anticipating supply needs, and placing orders in a timely manner.

The Home Depot Fort Saskatchewan, Alberta
Seasonal Sales Associate May 2019 - August 2019

- Assessed customer needs, over the phone and in-store, to provide assistance and information on product features.
- Maintained knowledge of current promotions, exchange guidelines, payment policies and security practices.
- Built and maintained relationships with peers and other sales departments to drive team success.
- Used computer database resources to assist customers in locating and selecting items.
- Successfully contributed to our store's summer sales growth, propelling us to the top position in district-wide sales and securing bonuses for all employees.