

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 user-friendly 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 MongoDB database ensuring data integrity and accessibility across event, profile, and group chat information.

Boardify <https://github.com/vamazzuca/Boardify>
React, SASS, Javascript, .NET Core, MySQL

- Boardify is a full-stack e-Commerce platform specializing in mechanical keyboards. Implemented a functional cart system allowing seamless offline-to-online shopping experience and user authentication for personalized accounts.
- Leveraged React, SASS, and Material UI to create an intuitive frontend interface, enhancing user experience. Designed RESTful APIs using C# and .NET on .NET Core for efficient communication between frontend and backend systems.
- Additionally, empowered administrators with a robust admin panel for efficient product management, ensuring the store's content remained up-to-date and relevant.

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 and engagement.
- 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.