



Jonathan B. Bloch

jonathanbloch100@gmail.com

+1 438-880-3484

M6H 4E8 Toronto ON - Canada

https://www.linkedin.com/in/jonathan-bloch_1a728b28a/

<https://github.com/jbloch100/>

Summary

Talented Front End Developer equipped with great coding, debugging and project management abilities. Accomplishes project goals consistently with elegant, scalable code. Skilled in working under pressure and adapting to new situations and challenges to best enhance the organizational brand.

Strategic Software Developer skilled in application development, testing and optimization. Excels at coordinating ground-up planning, programming and implementation for core modules. Maintains strong object-oriented and software architecture fundamentals. Consistent provider of useful and actionable input on all projects.

Multi-talented Java Developer successful at problem solving and conflict resolution. Adept at taking on diverse development and debugging challenges. Familiar with automation strategies and quality assurance standards.

Skills

- Certified Application Developer
- Programming
- Interface Design and Implementation
- Software Development
- Data Structures and Algorithms
- Agile Development Methodologies
- Web Security
- Framework Development
- Media queries
- Bug Resolution & Troubleshooting
- Web Components Development
- Problem Solving Skills
- Critical Analytical Thinking
- Data Base Management System

Experience

McGill university

*Software Development and Java Developer Tutor | Trottier Bldg 3630 Rue University, Montreal, Canada
01/2016 to 12/2020*

- Conducted individual tutoring sessions with students to help them improve their academic performance.
- Conducted one-on-one and group tutoring sessions for individuals seeking to enhance their software development and Java programming skills.
- Created customized learning plans and provide practical guidance to help students understand complex coding concepts.
- Effectively communicate technical information in a clear and understandable manner, tailoring teaching methods to individual learning styles.

Project Experiences

PROJECT NAME: Booki's Model

- **Webpage Link:** <https://jbloch100.github.io/Booki-s-model/>
- **Compatibility:** Designed for the latest versions of Chrome and Mozilla Firefox, ensuring W3C code compliance for HTML and CSS files.

Project Overview:

- Developed a responsive website for tourists to search for accommodations and activities in their selected cities.
- Users can input a city name (e.g., "Marseille, France") and click "Search" to display available accommodations and activities.

Key Features Implemented:

- Designed a responsive interface for different screen sizes, optimizing the website for desktop, tablet, and mobile users.
- Implemented dynamic navigation behavior with color changes and visual indicators for enhanced user experience.
- Utilized flexbox layouts for efficient content organization, ensuring optimal display across different devices.

Achievements:

- Successfully delivered a user-centric web application that seamlessly adapts to different devices and screen sizes.
- Ensured a visually consistent and engaging user experience by implementing responsive design elements and interactive features.
- Met W3C standards for all HTML and CSS files, ensuring a high level of code quality and compliance with industry best practices.

PROJECT NAME: Oh My Good Food Web Application

- **Website:** <https://jbloch100.github.io/ohmygoodfood/>
- **GitHub Repository:** <https://github.com/jbloch100/ohmygoodfood>

Project Overview:

- Developed a web application using HTML and SCSS (transpiled into CSS) for ordering food in advance before visiting a restaurant.
- Ensured compatibility with the latest versions of Firefox, Google Chrome, and Safari.
- Achieved W3C validation for both HTML and CSS files.
- Utilized custom fonts (Shrikhand for logos and headers, Roboto for other texts) to

- SRE skills
- Web Technologies: AngularJS, JQuery, Bootstrap
- Java, Javascript, CSS, Python and HTML Expert
- Verbal and Written Communication

Education and Training

Bachelor of Science

McGill University

Montreal, QC

Computer Science, 2020

Relevant Modules:

- Cryptography and Data Security, Algorithm Design
- Introduction to Modern Computer Games
- Fundamentals of Computer Graphics
- Fundamentals of Computer Animation
- Operating Systems
- Software Engineering Project

DEC Diploma

Dawson College

Montreal

Health Sciences, 2014

Languages

English:



Proficient

Spanish:



Intermediate

French:



Elementary

Hebrew:



Upper Intermediate

Russian:



Intermediate

Italian:



Elementary

enhance the visual appeal.

• Key Features Implemented:

- Designed a user-friendly interface with a responsive layout for mobile, tablet, laptop, and desktop versions.
- Created a seamless ordering process, allowing users to save favorite menus.
- Implemented a loading spinner for a 3-second preview on the index.html page.
- Utilized time delays for displaying dishes in groups and added animations for user interaction.
- Designed the menu pages with restaurant logos, names in Shrikhand font, and contact links.
- Customized hover effects for buttons and dropdown shadows.

• Technologies Used:

- HTML, SCSS/CSS
- Custom fonts (Shrikhand, Roboto)
- FontAwesome (for the heart icon)
- Responsive design with media queries

• Achievements:

- Successfully developed a responsive web application for advanced food ordering, enhancing the user experience on various devices.
- Ensured a visually appealing design with custom fonts and icons.
- Implemented interactive animations and user-friendly features, such as saving favorite menus.
- Met validation standards for HTML and CSS, ensuring code quality.

PROJECT NAME: Bank Account Application

- **GitHub Reference:** <https://github.com/jbloch100/Bank-account-activities>

Achievements:

- Developed a sophisticated bank account management application with a user-friendly interface, enabling efficient handling of financial transactions.
- Implemented the capability to manage an unlimited number of bank accounts and customers, providing scalability and flexibility.
- Designed a customer-centric system, allowing customers to have unique names, customer numbers, and discount percentages for personalized banking experiences.
- Incorporated two distinct types of bank accounts, checking and savings, each with specialized functionalities to cater to diverse customer needs.
- Enabled users to perform essential banking operations, including checking balances, making deposits, initiating withdrawals, and facilitating transfers between accounts owned by the same customer.
- Set up bank account balances based on customer preferences, offering a tailored banking experience.
- Implemented variable withdrawal charges for checking accounts, taking into account the customer's discount percentage, and enforced a minimum withdrawal amount for savings accounts.
- Developed a user-friendly menu-driven interface with options to create customers, open bank accounts, check balances, deposit funds, withdraw money, transfer funds, and quit the application.
- Leveraged strong analytical and problem-solving abilities to overcome project challenges, ensuring a smooth and functional banking application.

Interests

- Travelling
- Reading & Playing Chess
- Playing/watching Hockey
- Cooking
- Horseback Riding
- Netflix
- Learning Languages
- Biking & Hiking