Julien Bertazzo Lambert
Bilingual Full Stack Software Engineer

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Summary:
- Software engineer with over 2 years of experience developing in Typescript, Node.js and React.
- Led 5 long-term projects ensuring seamless communication with clients and management.
- Designed a data structure to efficiently store over 100,000 data points with automated updates.

Technologies:
- Typescript, JavaScript, Java, Python, HTML/CSS, React, MongoDB, SQL, C++, C

Education
Honours Bachelor of Science | September 2019 – June 2024 | 4th Year Student
- University of Toronto St. George Campus, Toronto, Ontario.
- Specialist in Computer Science, Major in Economics.
- Relevant Courses: Programming on the Web; Algorithm Design, Analysis & Complexity; Software Design; Probability with Computer Applications; Data Structures and Analysis.

Work Experience
Software Engineer Co-op | Briza Inc. | Toronto, Ontario
May 2022 – September 2023
- Designed and implemented a proprietary data structure efficiently storing over 100,000 data points, reducing data ingestion times which would otherwise take 3 months.
- Developed and served as primary contact for Briza's workers compensation product ensuring seamless communication with upper management and external clients.
- Handled a comprehensive on-boarding of 3 new developers to work on Briza's infrastructure.

Full Stack Web Developer | Ontario Ministry of Health | Toronto, Ontario
May 2021 – May 2022
- Developed a data ingestion portal for the Ministry designed to facilitate billing submissions for over 500 organizations.
- Led the conversion of a large code base from JavaScript into TypeScript in under one month.
- Supervised the on-boarding of 2 new developers ensuring a successful transition between teams of co-op students.

Projects:
Four Quadrant | Full Stack Web App | https://www.fourquadrant.xyz | 2021
Web application for effective prioritization and organization – 800 boards created.
- Implemented interactive frontend behaviour with a focus on a simple user experience.
- Used SOLID principles in backend logic to simplify development long term.
- Added instant collaboration on boards using Socket.io.

Meal Planner | Full Stack Web App | https://github.com/JLambertazzo/MealPlanner | 2021
Web application designed to help users save time and money by planning meals in a convenient way.
- Designed a responsive, intuitive frontend to make for a pleasant user experience.
- Created backend API in MongoDB and Nodejs to store and serve data to the application.
- Supported proper data types using Mongoose Schemas and Typescript.

Volunteer Experience
President | UofT Web Dev Club | Toronto, Ontario | 2020-2023
- Onboarded team of students, organizing and delegating the execution of an incubator initiative.
- Established an open-source development group, driving daily engagement from 20 members.
- Expanded club membership from 0 to 600 members by establishing a social media presence.