Julien Bertazzo Lambert
Bilingual Full Stack Software Engineer

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Summary:

- Bilingual (French/English) aspiring software engineer experienced in developing full stack applications and working in a team setting.
- Spent over 6 months developing a full-stack web application using React/Node.js/MongoDB, deployed on Azure Web Services using Docker in a professional team setting.
- Created 7 full-stack web applications in various Javascript and Python frameworks and both SQL and NoSQL databases for school projects, personal projects, and hackathons.

Technologies:

- **Proficient:** JavaScript, Java, Python, HTML, CSS, React, Bootstrap, Node.js, Flask, MongoDB, Google Cloud API, Material-UI, Mongoose, Typescript, C
- **Exposure:** SQL, Socket.io, C++, SciPi, Matplotlib

Projects:

Meal Planner | Full Stack Web App | https://the-meal-planner.herokuapp.com | 2021
Web application designed to help users save time and money by planning meals in a convenient way
- Created backend using Express.js for API routing, MongoDB as database, run with Node.js
- Designed a simple, responsive frontend using React & Material-UI
- Supported proper data storage using Mongoose Schemas

Four Quadrant | Full Stack Web App | https://www.fourquadrant.tech | 2021
Web application designed to help users save time and money by planning meals in a convenient way
- Designed backend to properly store and retrieve data from MongoDB database
- Implemented interactive behaviour on the frontend
- Added instant collaboration on boards using Socket.io

Rain Machine | Frontend Library and API | https://salty-brook-12944.herokuapp.com/lib | 2021
JavaScript library providing pure CSS weather animations with an API to style based on live weather
- Designed the library to offer appealing weather animations written in pure CSS
- Designed a backend to serve the library, giving styles based on live weather
- Based on my Python API template https://github.com/JLambertazzo/FastApi_CockroachDB

Education

Bachelor of Science | September 2019 – May 2023 | 3rd Year Student
- University of Toronto St. George Campus, Toronto, Ontario
- Double Major in Computer Science and Economics
- Relevant Courses: Programming on the Web, Software Design, Probability with Computer Applications, Intro to Machine Learning, Data Structures and Analysis

Work Experience

Co-op Student Full Stack Web Developer | Ontario Ministry of Health | Toronto, Ontario
2021
- Worked within a team of developers a full stack web application using React/Node.js/MongoDB for use within the Ministry of Health
- Led a team of developers in converting a large JavaScript project to TypeScript
- Contributed to onboarding and training to a team of new developers

Volunteer Experience

Vice President | UofT Web Dev Club | https://uoftweb.dev/ | Toronto, Ontario
2020 – present
- Vice President (2021), conducted interviews and oversaw operations of club as a whole
- Marketing Director (2020), created engagement through posts and community interaction