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MILAN SRIANANTHAN

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EMPLOYMENT

Software Developer, Intern   **HubSpot**   **Winter 2024**
- Implemented machine learning models that increase predictive accuracy by 10% by leveraging both Python and TensorFlow to enhance data driven decision making processes
- Worked with both unstructed and structured SQL data to improve ML data algorithms
- Collaborated with engineers, product managers, and designers to achieve solve front-end user issues
- Monitored solution progress and bugs with small beta tester group and recorded issues in documentation

Full Stack Developer, Intern   **AutoTrader**   **Winter 2023**
- Implemented Homepage Masthead redesign through Angular and UI/UX requirement
- Introduced Video Ad Template on Masthead to drive ad revenue and increase ad engagement by 20%
- Used Cross-Functional Collaboration to solve incorrect translation issue to the company's backend
- Cleaned up Unit Test suites to ensure basic functionality testing using JEST
- Created a program to automatically add over 1000 new Postal Codes monthly to the servers with C#

Software Developer, Intern   **CSF**   **Summer 2022**
- Developed multiple application pages using REACT by following UI/UX Figma designs
- Created multiple REACT components to improve modularity and flexibility of code
- Implemented JSdocs that can be parsed by OpenAPI, for the company's codebase
- Solved various bugs and enhancements on the company's AgroLedger application
- Collaborated with developers and QA engineers to merge PR's and perform code reviews through GitHub

Front-end Developer, Intern   **Sam's Toner**   **Summer 2021**
- Developed an application using JavaScript to inform business employees on current item stock levels
- Created online Ads with Google AdWords to increase traffic and number of successful conversions by 30%
- Implemented an effective search bar through BigCommerce to improve user experience
- Updated and added over 100 new products onto the website using BigCommerce
- Collaborated with manager and team to design a new visually appealing website appearance through Git

EDUCATION

Waterloo, ON   **University of Waterloo (4th year)**   **Fall 2021 – Spring 2026**
- Bachelor of Computer Science
- Undergraduate Coursework: Intro to ML; Intro to AI; Intro to Game Theory; Operating Systems; Algorithms;

Waterloo, ON   **Wilfrid Laurier university (4th year)**   **Fall 2021 – Spring 2026**
- Bachelor of Business Administration
- Undergraduate Coursework: Strategic Mgmt.; Personal Finance Planning & Mgmt.; Operations Mgmt.;

TECHNICAL EXPERIENCE

Projects
- **Running/Cycling Tracker** (2024). Online application for users to map their workouts using OpenStreetMap API and track their progress. HTML/CSS/JavaScript
- **Personal Banking App** (2023) Web app to deposit, withdrawal, and check current bank balance. REACT/JS
- **AgroLedger** (2022). Application that allows users to track their livestock. Provides history, including diseases, location and individual animal information. REACT/JS
- **Data Visualization of Food Nutrition** (2021). User can enter any given food and amount and app will display nutritional information through a visual format. HTML/CSS/JavaScript
- **Front-end Website** (2019-2021). Contributed to numerous code branches for Sam's Toner company website. PHP/AngularJS

Languages and Technologies
- Java; Kafka; Groovy; REACT; C++; C; JavaScript; Objective-C; SQL; Python; HTML; CSS; PHP; AngularJS; LaTeX
- Visual Studio; Microsoft SQL Server; PyCharm; Git & GitHub; REST APIs; Mobius; Google AdWords; Adobe Photoshop; BigCommerce; Microsoft Office.