Logan Rose
SOFTWARE DEVELOPER

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Skills

Programming	Python (Pandas, TensorFlow, NumPy, Scikit-learn. etc.), JavaScript (Typescript), C# (.NET), Java, HTML/CSS, SQL (PostgreSQL, MS SQL Server), Angular, Vue.js, Shell Scripting, Algorithm Optimization, Salesforce LWC
Tools	Azure, Firebase, Docker, Git
Soft Skills	Public Speaking, Teamwork, Problem-solving, Documentation

Education

University of Ottawa *Ottawa, Ontario, Canada*
Honours BSc. in Computer Science *Sept 2018 - Dec 2022*

- 8.5/10.0 CGPA (3.7/4)
- English Debating Society President (2021)
- **Courses:** Data Structures & Algorithms, Web Development, Data Science, Artificial Intelligence, Machine Learning, Image Processing

Work Experience

Coveo *Montreal, Quebec*
Software Development Consultant Intern *May 2022 - Present*

- Used a broad variety of tools, frameworks, and programming languages to develop enterprise search solutions for clients.
- Conducted regular client meetings to gather requirements, propose solutions and provide development progress updates.
- Wrote python scripts for content indexing pipeline customized to client requirements.
- Developed Azure DevOps extensions for internal use using Vue.Js and .NET
- **Skills Demonstrated:** Salesforce LWC, Vue.Js, .NET, Git, Python, Azure, Requirements Gathering, Time Management

University of Ottawa *Ottawa, Ontario*
Teaching Assistant *September 2022 - Present*

- Instructed students on software development principles and practices.
- Taught weekly lab covering git fundamentals and android app development.
- Produced video lectures for asynchronous course sections and graded exams.
- **Skills Demonstrated:** Teaching and instructing, approachability, time management

Vectorsolv *Ottawa, Ontario*
Software Engineer Intern *Sept 2021 - Dec 2021*

- Worked as a part of a small startup team, taking end-to-end ownership of projects and tasks to satisfy client requirements.
- Built secure server-side APIs using NestJS. Used TypeORM and PostgreSQL to develop and manage databases.
- Developed reusable client-side web components using Angular.
- Developed a highly customizable web-based data science dashboard.
- **Skills Demonstrated:** Angular, NodeJs, NestJs, RxJs, Apache ECharts, Git, Ability to work independently

Privy Council Office *Ottawa, Ontario*
Software Developer Intern *Jan 2021 - Aug 2021*

- Developed reusable client-side web components using Angular for a news media aggregator.
- Used .NET to develop secure server-side APIs alongside Microsoft SQL Server for database management.
- Reviewed code, debugged problems, and corrected issues.
- **Skills Demonstrated:** Angular, .NET, Azure, Git

Projects

American Sign Language Transcriber
University of Ottawa Intro to AI Final Project *Feb 2022 - Apr 2022*

- Developed a video tool capable of converting words spelled using American Sign Language to text.
- Used OpenCV to find and capture hand signs from a webcam video stream, then fed each frame of the video to a neural network built with TensorFlow and constructed the final output text using a custom algorithm.
- **Skills Demonstrated:** Python, Tensorflow, OpenCV, Teamwork

PriceMatch
Freelance Software Development Contract *Sep 2022 - Oct 2022*

- Developed a program for a small business to scrape price data from competitors, highlight price disparities, and output relevant information to spreadsheets for analysis.
- **Skills Demonstrated:** Python, requirements gathering, client satisfaction

Tailor
Independent Project *Aug 2022 - Nov 2022 (expected)*

- Developed a modular resume builder using Angular and Firebase
- Developed functionality allowing users to drag, drop, and tiles of varying formats, save layouts to their account, and print to PDF.
- **Skills Demonstrated:** Angular, Firebase, Software Deployment