

Logan Rose

SOFTWARE DEVELOPER

loganrose.dev | logan.rose0329@gmail.com | github.com/Logan-Rose

Skills

Programming JavaScript/TypeScript, Python, Angular, React, Vue, C#, Java, SQL, Algorithm Optimization, Salesforce
Tools Azure DevOps, Git, Docker, Firebase
Other Agile Development, Public Speaking, Teamwork, Documentation

Work Experience

Solutions Developer

Coveo

May 2022 - Present

Montreal, Quebec

- Work closely with a number of Coveo's largest strategic clients to implement AI-powered search experiences in service, e-commerce, and workplace solutions.
- Implement solutions using many modern web frameworks (React, StencilJS, LWC, etc.)
- Write Python scripts to conform data from many sources to fit into a unified index for searching.
- Work closely with clients to gather requirements, communicate progress, and provide support when necessary.
- **Skills Demonstrated:** React, Python, Vue, StencilJS, Angular, REST, GraphQL, .NET, Git, Azure, Salesforce (Aura, Apex, Lightning)

Full Stack Developer Intern

Vectorsolv

Sept 2021 - Dec 2021

Ottawa, Ontario

- Worked as a part of a small startup team building web-based data visualization tools in Angular.
- Built secure server-side APIs using NestJS. Used TypeORM and PostgreSQL to develop and manage databases.
- Took end-to-end ownership of mission-critical tasks.
- **Skills Demonstrated:** Angular, RxJs, NodeJs, Agile methodology

Full Stack Developer Intern

Privy Council Office

Jan 2021 - Aug 2021

Ottawa, Ontario

- Served as the primary web developer for a media aggregator
- Developed new features, fixed bugs, and conducted code reviews.
- **Skills Demonstrated:** Angular, .NET, SQL, Azure, Git

Education

Honours BSc. in Computer Science

University of Ottawa

Sept 2018 - Dec 2022

Ottawa, Ontario, Canada

- Graduated Magna Cum Laude
- Teaching Assistant for Introduction to Software Engineering (2000 level)
- English Debating Society President (2021)
- Completed Honours research on strategies to address imbalance when training large Machine Learning models for multi-task classification (Grade Received: A+)
- **Courses:** Data Structures & Algorithms, Web Development, Data Science, Artificial Intelligence, Image Processing

Selected Projects

PriceInsight

Entrepreneurial Endeavour

April 2023 - Present

- Working with a business partner to develop an e-commerce data insight platform.
- The platform tracks price and sales data for products sold by many online retailers. It then uses this aggregated data to recommend pricing strategies for retailers to optimize profitability
- Built an initial proof of concept using Angular and NodeJS hosted on AWS, now conducting research for version two.
- (Github repo is private, but I would be happy to give a demo!)
- **Skills Demonstrated:** Product management, AWS (EC2, S3, Lambda), Python (Pandas, NumPy), Angular, NodeJS

American Sign Language Transcriber

University of Ottawa Intro to AI Final Project

Feb 2022 - Apr 2022

- Developed a tool that converts a video of words being spelled using American Sign Language to text.
- Used OpenCV to find and capture hand signs from a webcam video, then classified each frame using a neural network and constructed the final output text using a custom algorithm to reduce noise and improve accuracy.
- <https://github.com/Logan-Rose/ASL-transcriber>
- **Skills Demonstrated:** Python, Tensorflow, OpenCV, Teamwork