

LUSHI LIU

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About Me:

I am a highly motivated statistical machine learning and data science graduate seeking a developer position. I have an analytical mindset with strong problem-solving skills. I thrive in a fast-paced environment and learn new concepts and techniques quickly. I work hard and efficiently in both a team environment and in an individual setting.

Education:

(Honors) Statistics Specialist, Statistical Machine Learning and Data Science Stream (B.Sc.)

University of Toronto

2015 – 2021

Relevant Courses:

- Theory of Computing
- Design and Analysis of Data Structures
- Software Design
- Numerical Algorithms for Computational Mathematics
- Machine Learning and Data Mining
- Algorithm Design and Analysis

Projects:

YouTube Clone (Video Player):

- A web application that allows users to search for videos, play them, see channels, get basic statistics like subscriber count and views with the help of Rapid API
- Mobile Compatible
- **Tools used:** ReactJS, HTML, CSS, Material UI

AI Image Generator:

- A full stack app that takes a prompt and generates an AI image based on it using OpenAI API. Users can post the image and others can view and download it
- Mobile Compatible
- **Tools used:** ReactJS, HTML, CSS, Tailwind, NodeJS, ExpressJS, MongoDB

Social Media App:

- Created a social media page where users can log in using their google accounts and then post to a page, as well as like any of the posts already there
- The user can edit and delete any of their posts they wrote
- The database is stored using Firebase
- Utilized TypeScript and ReactJS to deploy the front end.

Skills:

Programming Languages:

- Python
- Java
- JavaScript
- C++

Front End:

- ReactJS
- HTML
- CSS
- Tailwind
- Bootstrap

Back End:

- NodeJS
- MySQL
- MongoDB
- ExpressJS
- Socket.io
- Firebase

Hard Skills:

- Data Structure
- Algorithms
- Dynamic Programming
- Databases
- Networking
- STEM
- Web Development
- Machine Learning
- Data Science
- Game Design

Soft Skills:

- Adaptable
- Critical Problem Solver
- Open Minded
- Organized
- Attention to Detail