Sunny Nagam

Software Engineer / Web Developer

Experience

Amazon
Software Engineering Intern

Toronto
June 2020 – Sept 2020

> Worked with Supply Chain Optimization Technologies Group.
> Utilized Python, Tensorflow and various AWS technologies such as Sagemaker, S3, and DynamoDB.
> Applied Machine Learning algorithms such as Neural Networks and Random Forests to detect vendor charge back anomalies and improve Amazon operations.

Pason
Software Engineering Intern

Calgary
May 2019 – June 2020

> Utilized Python to develop software used daily in hundreds of oil rigs around the world.
> Utilized React and Git for development on new web-page.
> Drastically increased speed of testing new features with new method of mocking hardware.

Hotchkiss Brain Institute
Software Engineering Intern

Calgary
May 2018 – May 2019

> Utilized Python and Tensorflow/Keras and train big data models on a GPU cluster.
> Improved model accuracy by 15%+ by implementing novel new input format and training process.
> Constructed Convolutional Neural Network models to detect multiple sclerosis in MRI scans of the brain.

Projects

Drawing With Friends – NodeJS + Vue + MongoDB WebApp

Collaborative VueJS website with a live multi-user drawing board, user accounts, rooms, and messaging all stored in MongoDB.

Community: Reading Required – Vue + Javascript Website

VueJS catalog website with responsive UI and search functionality. Serves database of pop culture refrences in each episode of the sitcom Community.

BMO Discord Bot – Javascript + NodeJS Messaging Bot

Discord messaging bot that processes and responds to user queries. Hosted on Heroku with continuous integration and deployed on various Discord servers.

Joke Tweeter Bot – Pyhton + Rest APIs Web Scraping Bot

Python script that integrates Twitter and Reddit APIs to scrape for top voted jokes on Reddit and post on Twitter.

Pants or Shorts – Android App

Recommends clothing based on a user's location and their previous preferences, with 700+ installs on the Google Play Store.

📞 (587)-703-5579
✉ sunnynagam1@gmail.com
🔗 sunnynagam.com
⌨ github.com/sunnynagam

Education

University of Calgary
2016 - 2021 — Calgary, AB
Bachelor of Science (B.S) in Software Engineering

Skills

Languages
Javascript
Typescript
HTML
CSS
Python
SQL

Tools
ReactJS
Git
Figma
VueJS
NodeJS
ExpressJS
JQuery