Sunny Nagam

Software Engineer

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Experience

Circle Cardiovascular
Software Developer

Calgary
May 2021 — March 2022

- › Worked as a key member on the Full Stack team to develop C++ based Application and Server Backend as well as QML and React based Frontend.
- › Updated company guidelines on new Git workflow and new internal tooling.
- › Helped develop critical multithreaded Backend and Server interactions as well as Frontend React API endpoints for new product launch.

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 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.

Pants or Shorts — Android App

Recommends clothing based on a user's location and their previous preferences, with 1000+ installs on the Google Play Store.

Education

University of Calgary

2016 - 2021 — **Calgary, AB**

Bachelor of Science (B.S) in Software Engineering

Skills

Languages

Python
C++
Java
Javascript
HTML
CSS
SQL
C#

Tools

ReactJS
Tensorflow
Keras
Git
VueJS
NodeJS
ExpressJS
Unity3D
Android Studio