

Hudson Ash

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Work

Clearbanc

Toronto, ON

FIRST FULL-STACK ENGINEER, NOW INFRASTRUCTURE ENGINEER

Feb 2020 – Present

- Built a tagging framework for internal sales reps using Vue, Typescript, and PostgreSQL
- Developed "insights" page & microservice for all businesses to view aggregated metrics
- Infrastructure-related jobs: Migrating projects from App Engine to Kubernetes, Improving Jenkins pipelines

integrate.ai

Toronto, ON

SOFTWARE ENGINEERING INTERN

May – Aug 2019

- Synchronized Google Groups with LDAP for remote access control using Golang, Terraform, and LDAP
- Researched artificial intelligence capabilities of competing companies for finding product market fit
- Taught a reinforcement learning lecture with the head of machine learning

Capital One

Toronto, ON

DATA SCIENCE INTERN

Jan – Apr 2018

- Developed a general drift monitoring application to be used on any model in Capital One using Flask (Python)
- Constructed a model to predict SQL table updates and alert subscribers if the table wasn't updated as expected using Python

PwC

Toronto, ON

DATA SCIENCE CONSULTANT

Jan – Apr 2017

- Built Qlik dashboards for performance evaluation of 4,000 employees. Increased read time using caching by 40x using Python!
- Maintained Qlik dashboard for client's financial department containing over 20 data sources

Education

University of Waterloo - Math

Waterloo, ON

BACHELORS WITH SPECIALIZATION IN STATISTICS

Sept 2014 – Dec 2019

Wilfrid Laurier University - Business

Waterloo, ON

BBA WITH SPECIALIZATION IN MARKETING

Sept 2014 – Dec 2019

Projects

Canadian Trademark Competitive Intelligence

Python, Qlik

CREATED A DATABASE OF ALL FILED CANADIAN TRADEMARKS FROM XML AND CREATED DASHBOARDS WITH BROAD AND GRANULAR METRICS. SOLD PROJECT TO GOWLING WLG

Sonos Timer

Python

DEVELOPED A SCRIPT USING SONOS API TO QUEUE UP A SET PLAYLIST AND PLAY AFTER N MINUTES

github.com/hudsonash

Skills

Programming Languages: Python, Typescript (+ Javascript), SQL, Go, R

Programming Skills: Kubernetes, General AWS & GCP, Microservices, Git, Vue, *nix

Business Skills: Presentations, Business plans, Communicating between business & tech sides

Extras!

Dec 2018 **Marketing Plan Pitch Winner**, Marketing campaign pitch to an accounting firm in London, ON

Sept 2018 **Head Orientation Leader**, Lead my sub-section of orientation leaders and frosh

May 2017 **DataFest Winner**, Won an expedia hackathon and some prize money

Interests **This job**, hockey, cybersecurity, cryptocurrency, basketball, meditation, fitness