

SUJEETHAN VIGNESWARAN

EXPERIENCE

MARTECH AUTOMATION ENGINEER

LOBLAW DIGITAL [JAN 2019 - APR 2019]

- Saved over **11 hours / week** of employee toil
- Increased customer segment match rate by **30%**
- Extracted previously inaccessible data from Adobe
- Created Python pipelines to get data from Adobe to LD's BigQuery Database (**ETL**)
- Created **4 internal tools** to minimize repetitive work and computation time
- Conducted **BigData Analytics** using BigQuery and Python packages (Anaconda, Pandas, Jupyter NB.)
- Engineered Solutions using **Google Cloud Platform**
- Designed **AB Tests** to increase audience match rate
- Collaborated closely with **Google and Adobe** engineers and representatives
- Attended several **Google Cloud Summits**
- **Presented my work to the entire LD organization**
- Had work presented to **CEO of Adobe**

FULL STACK & DATABASE DEVELOPER

ONTARIO NATURE [JUL 2018 - AUG 2018]

- Developed the Front End of the Nature Reserves Database Application using **HTML, CSS, JS, and Angular JS**
- Applied **UI/UX** knowledge to create a friendly and simple user interface
- Created and managed a flat database

PROJECTS

PC EXPRESS CAMPUS MODEL

LOBLAW DIGITAL INTERNAL HACKATHON [MAR 2019]

- Grocery Delivery to Campus Model
- Conducted tto judge profitability
- Researched location factors that will skew success
- Created a business model for the product
- Project was chosen by Senior Leadership Team and will be implemented!

SWIFT-CHECK

HACK THE NORTH [SEPT 2018]

- Machine Learning Self Checkout Application
- Successfully Completed within 36 hour timeline
- Overhauled Front End and ML aspects
- Published to: www.swift-check.com

SKILLS

Solutions Engineering
Software Automation Engineering
Full Stack Development
Data Analytics
Data Engineering
Big Data
DevOps

TOOLS

Python
Anaconda
SQL
Java
JavaScript
React JS
GCP
Docker
Kubernetes
Oracle SQL
BigQuery
Tableau
CI/CD
JIRA
Git

CONTACT

 sujeethan.vigneswaran@uwaterloo.ca
 sujeethanvigneswaran.com
 github.com/itssujee
 linkedin.com/in/sujeethan-vigneswaran

EDUCATION

University of Waterloo

B.ASc, Environmental Engineering
2018 - 2023