SUJEETHAN VIGNESWARAN

sujeethan.vigneswaran@gmail.com
www.sujeethanvigneswaran.com
(647) 390 8938

EDUCATION

UNIVERSITY OF WATERLOO, FACULTY OF ENGINEERING   **Waterloo, ON**
Bachelor of Applied Science in Environmental Engineering, Option in Management Sciences   **Expected 2023**

EXPERIENCE

FRIENDS OF THE ROUGE WATERSHED   **Toronto, ON**
Member of Board of Directors   **Jan 2018 - Present**
Friends of the Rouge Watershed (FRW) is an environmental non-governmental organization that coordinates hands on environmental projects with visible and lasting ecosystem, watershed, and community benefits
- Developed programs to improve ecological health and environmental education in the Rouge National Urban Park, resulting in restoration of 3.5 million square meters of land and empowering over 65,000 youth and community volunteers.

LOBLAW DIGITAL   **Toronto, ON**
Site Reliability Engineer   **May 2020 - Aug 2020**
Loblaw Digital is an organization dedicated to creating innovative digital experiences for Canadian customers of Joe Fresh, online grocery, PC Optimum, beautyBOUTIQUE and more.
- Conceived and implemented a product to automate the onboarding and offboarding of colleagues to Slack, Jira, GitLab and PagerDuty for hiring managers. This initiative saved the organization 15 hours of toil and over $10,000 in licenses monthly.
- Aided in the migration of logging, alerting and metrics from Splunk to Stackdriver across the organization resulting in a projected savings of over $1 million over the year.
- Published two dashboards to aid in the cloud billing optimization initiative to reduce costs and wasted resources in Kubernetes clusters and across Google Cloud projects providing actionable cost reduction insights to stakeholders.

Marketing Intelligence Automation Engineer   **Jan 2019 - April 2019**
- Owned and administered 4 microservice based automation tools on Kubernetes saving colleagues over 11 hours/week.
- Conducted data analytics using BigQuery to support product managers in monitoring the success of PC Express locations.
- Designed AB tests to improve Adobe customer segmentation match rates resulting in an increased match rate by 30%.

DRVN INTELLIGENCE   **Toronto, ON**
Big Data Developer   **Sept 2019 - Jan 2020**
DRVN Intelligence is a consulting firm that enables enterprises though support in their digital processes, platforms and data.
- Proposed a healthcare data analytic solution for Trillium Health Partners in Google Cloud within a four-week timeline.
- Designed and developed three product roadmaps based on digital marketing and programmatic advertising automation to be sold on the Google Cloud Marketplace projecting revenues of approximately $25,000 per month.
- Wrote a 45-page internal tool documentation named the "Terraform Bible" that resulted in the adoption of infrastructure as code methodology across the organization.

PROJECTS

- **Swift-Check, *Hack the North*:** Lead a team that designed a grocery self-checkout application that uses a machine learning classifier to automatically identify items without barcodes. https://swift-check.web.app

CERTIFICATIONS

- **Google Cloud Professional Cloud Architect:** Enables organizations to leverage the cloud with thorough understanding of cloud architecture, and can design, develop, and manage solutions to drive business objectives. Expiration: Nov 2021.
- **Google Cloud Professional Data Engineer:** Enables data-driven decision making by collecting, transforming and publishing data, and can design, build, operationalize, and monitor data processing systems. Expiration: Dec 2021.

ADDITIONAL INFORMATION

- **Canada's Top 25 Environmentalists Under 25 (2018):** *The Starfish Canada.*
- **Skills:** Python, SQL, Agile, Git, Docker, Kubernetes, Terraform, Linux
- **Tools:** Jira, Google Analytics, Adobe Analytics, Tableau, Data Studio, Looker