DANIEL TRAN

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EDUCATION

University of Waterloo - Candidate for Bachelor of Computer Science   Class of May 2022 - Waterloo, ON, Canada

SKILLS

Languages : Python, Java, Scala, C, C++, HTML/CSS, JavaScript, C#, Go
Tools/Tech : Git, React, SQL, PostgreSQL, Node, Docker, GCP, AWS, Kubernetes, Postman/Insomnia, Bash, JUnit

EXPERIENCE

Adentro — Software Developer   Sept - Dec 2021

Technologies : Scala, Python, Go, React, JavaScript, PostgreSQL, Git, AWS, Docker
- Maintaining a customer facing metric dashboard, resolving issues from **React** frontend bugs to backend issues in **Scala** or **SQL**, as well as rapid prototyping and deployment of new features and hotfixes
- Collaborated in the development of an export feature that allows users to view their insights in a spreadsheet format, deploying and testing refactored **Scala/Go** microservices, updated **SQL** functions and frontend **JavaScript** in various environments to decrease account owners' data presentation prep times by over 90%
- Investigated and deployed a fix to a daily cache refresh job in **Python**, solving an issue involving thousands of rows of customer data not being updated properly, resolving a pain-point for over 100 campaign managers

IBM Canada Limited — Software Developer   May - Aug 2021

Technologies : Java, JUnit, Bash, Git
- Enhanced internal development tooling by decreasing configuration setup time, increasing developer productivity
- Improved reliability of a new **Java** service by implementing more robust **JUnit** tests

Process Fusion Inc — Software Developer   Sept - Dec 2020

Technologies : C#, JavaScript, Git, Postman
- Enabled users to upload and download files between Process Fusion and Zapier's platforms by researching and developing a new Zapier integration in **JavaScript**
- Supplied users with more workflow functionality by adding barcode generation and decoding functions to a library of workflow scripts in **C#**

DNAstack — Software Engineer Intern   Jan - April 2020

Technologies : Java, PostgreSQL, Kubernetes, Docker, AWS, GCP, Git
- Enabled users to track metrics in a search engine for genetic data, such as query execution time, in Google Cloud, by implementing a new telemetry feature in **Java**
- Enhanced a public CLI tool (tables-api-cli) by adding support to publish and upload to **AWS S3**

PROJECTS

ToNotion — Chrome Extension   https://github.com/Tran-Daniel/toNotion

Technologies : Node, GCP (Functions, Firebase), Git (Github)
- Allows users to bring content from the browser into Notion formatted and prettified
- Designed and developed a **Node** function that deals with processing data from the client side and formats it properly for ingestion by the **Notion API**, deployed on **Google Functions**
- Implemented an OAuth2 solution in **Node**, using **Firebase** for storage, deployed on **Google Functions**