VINCENT TAN

Data Mapper

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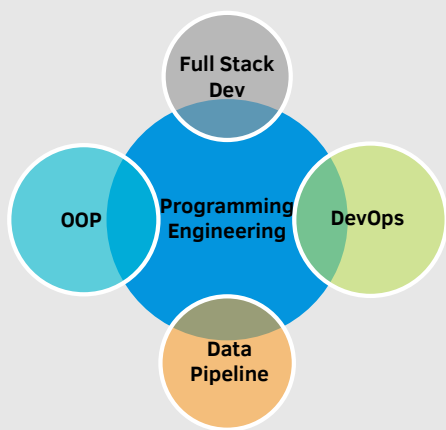
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Technical Skills ——

Overview

Programming

$0 \ LOC$ ——————→ $5000 \ LOC$

C • Java • Python

JavaScript • C++ • Shell

C • C++ • R

Education ——

BSc., Computer Science (GPA: 3.6)
University of British Columbia
2016 - 2018 | Vancouver, BC, Canada

Experience

| Feb 2018 - Present | **Data Mapper** | CTO.ai |

- Creating, naming, formatting, and quality testing mappings for data from various RETS providers to match a standardized Elasticsearch schema
- Mappings are done in JSON, while running pipelines locally through Docker containers
- Over time, picked up some additional responsibility for writing scripts, tools, and documentation to ease workflow
- Also served as technical support for fellow mappers
- Projects: JSON mappings checker, Automating pipeline runs, Data QA
- Tools: Shell, Golang, JavaScript, Gitlab, Elasticsearch, Python
- Also touched upon: PostgreSQL, Kafka, Docker

| Sep 2016 - May 2018 | **Tier 1 Tech Support** | University of British Columbia |

- Acting as first tier of support, screening user tickets and solving issues such as to ease the burden of higher tier technicians.
- Helping users through phone, remotely (email/TeamViewer) and in person, to troubleshoot Mac/Windows/Linux and Adobe/Office issues, as well as other technical issues.
- Tracking AV equipment rentals, reducing losses and reminding users to return equipment.
- Troubleshooting AV and IT issues in person in the classroom.
- A part-time position concurrent with my studies. Left the position when I graduated.

Projects

| Mar 2019 | **Checkem** | Github |

Purpose: Checking the mappings done in JSON for errors such as duplicates, incompatibilities with internal schemas, etc.

- Written in Golang
- Parses remote DB-centralized DB mappings in JSON, remote DB schema in JSON, central DB (ElasticSearch) in JSON.
- Parsing and checking performed with Golang's goroutine, massively increasing speed.
- **Tools**: Golang, JSON, CSV, Parallelism, Elasticsearch