Yannish Sewraz

Data Engineer

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About

I love working with data and I'm adept at doing so - I taught myself Python and SQL and really enjoyed doing so. I started by doing small automated tasks and grew my skill-set and abilities and eventually had the opportunity to build and lead the data team at Citylitics. I have experience with Python, SQL, Django, git and GCP, including Cloud Dataflow, Cloud Functions, Cloud Datastore & BigQuery.

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Experience

Citylitics Inc. (formerly WatrHub Inc.) / Data Team Lead

MAY 2018 - PRESENT, TORONTO

- In my role as Data Team Lead, I helped establish a data team that has two mandates: deliver data to clients and grow the company's data capabilities.
- I write ETL pipelines that aggregate data from various sources, design and deploy dashboard to visualize this data and implement best practices at multiple steps in the process
- I manage a team that works on client projects from ideation to delivery, including understanding their requirements, designing and executing on the aggregation and delivering insights that help clients make valuable decisions
- I implement multiples data best-practices including migrating our data to the cloud (on GCP), scheduling backups, and leveraging data pipelines (using Apache Beam) to combine and process data before visualizing in dashboards
- Tools and technology I use in this role include Python, git, SQL, Django, GCP (including BigQuery, Cloud Dataflow, Cloud Datastore, Cloud Storage and Cloud Functions)

WatrHub Inc. / Business Intelligence Analyst

SEPT 2017 - MAY 2018, TORONTO

- In this role, I focused heavily on data analysis and creating visuals to help WatrHub better understand its processes and workflows
- I built a CRM tool to track sales, cleaned and analyzed data in pandas (a Python library) and visualized it in Plotly (another Python library). It was a short stint that helped me learn a lot about Python, Jupyter, pandas and plotly.

WatrHub Inc. / Back-End Data Analyst

FEB 2017 - SEPT 2017, TORONTO

- This was my first role at WatrHub where my main task was to conduct research using the company's internal search engine to identify potential sales opportunities for clients
- My biggest achievement in this role was scaling the company's coverage from just a few states in the US to a nationwide scope - I had my first exposure to code by using Scrapy, a web-scraping framework, to scale the data aggregation process from 6-9 months to 1

Sun Life Financial. / Business Data Analyst

DEC 2014 - AUG 2015, TORONTO

- I ensured the successful maintenance, downloading and consolidation of accurate operational and campaign data for use in reporting and analysis

  I executed on and provided timely distribution of operational and campaign reports using SAS, SQL and Excel on a daily, weekly and monthly basis

- I developed operational, analysis and reporting tools to support leadership's accurate and timely assessment of business efficiencies and practices
- I was responsible for understanding business processes in order to research, analyze, interpret and advise managers on findings of analysis

Education

University of Waterloo / Bachelor of Environmental Studies

SEPTEMBER 2008 - APRIL 2013, WATERLOO.