

Victor Sun



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github.com/victorjzsun

SKILLS

- Languages: Python, C/C++, JavaScript, (No)SQL, Git, UNIX
- Technologies: Node.js, REST/GraphQL, gRPC, Docker, GCP, AWS, GitHub/GitLab, JIRA

EXPERIENCE

Infrastructure Software Engineer - Wish

January 2021 – April 2021

- Built scripts to analyze and convert between **Python** ODM models, JSON schemas, and **mongoDB** collections used by developers across multiple teams
- Increased transparency into **AWS** SQS proxy service by adding error metrics; also added FIFO queue support

Data Engineer - Capital One

May – August 2020

- Saved an estimated \$1m in fraud dollars per year by building customer behaviour model using **PyTorch**
- Analyzed millions of transactions stored in **Snowflake** database using **Dask** and **pandas** dataframes
- Sped up optimization by implementing Hogwild and distributed GPU processing hosted using **AWS** EC2
- Presented performance visualizations created with **scikit-learn** and **Tableau** to business executives

Solutions Developer - FairVentures Inc.

May – August 2019

- Reduced >50% of work/time required to write multinational policies by implementing **Vue.js** web app which streamlined intercompany data collection
- Developed **GraphQL** API to power the app, written with **TypeScript** and **Node.js**, and queried data from **PostgreSQL** database

PROJECTS

Google Sheets Add-on for YouTube Playlists

github.com/Elijas/auto-youtube-subscription-playlist-2

- Resolved 40+ issues and contributed to 20+ pull requests for open-source project on **GitHub**
- Maintained **Google Apps Script** (**JavaScript**-like language) to add videos to YouTube playlist for 2 years

VioLegacy – NYU Referral App

violegacy.org

- Connected 30+ alumni to 100+ NYU students to provide referrals through a **Vue.js** web app.
- Automated testing and deployment to **Firebase** using **Jest** and **GitHub** actions.

HACKATHONS

- 2nd place at Def Hacks Global 2.0 and selected for Google's Covid-19 Hackathon Fund
- Best use of CockroachDB at Hack the North 2020++