

# Christopher Graham

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## WORK EXPERIENCE

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### Notable Finance (WebApp, FinTech)

04/2021 – Present

*Data Engineer*

NY, WTC FL. 59

- Gracefully handled ownership of the Resolution/Escalation of all Engineering department related web-application issues. Oversaw PostgreSQL Database operations & migrations.
- Utilized TypeScript (a strict syntactical superset of JS) to develop & utilize backend processes to propel a smooth U.X. within our App. Monitored multiple Staging & Production repositories for the Web Application.
  - In addition to writing and deploying clean code, I also peer review & unit test the code of our senior engineers.
- Regularly report to the CTO regarding ongoing Engineering/Query related workstreams, or new bugs I found.
- Utilized partner company API's & JS to create large & essential automated data flows around the organization (Automated Collections flows & Automated Underwriting flows being some of the most pivotal to the org).
  - Also oversaw the upkeep & maintenance of these company-wide automations (refactors, error tracking).

### Notable Finance

04/2020 – 04/2021

*Technical Operations Associate*

NY, WTC FL. 59

- Utilization of complex PostgreSQL to construct raw ad-hoc queries for various internal & external stakeholders.
- Participated in daily Engineering standups and relayed progress on development of backend web-application features during sprints.
- Performed lengthy data migrations, & debugged code in the backend to present solutions to user facing issues.

### Médecins Sans Frontières / Doctors Without Borders (Nonprofit, DevOps)

09/2019 – 02/2020

*Seasonal Fundraising Systems Assistant*

NY, Rector St.

- Took ownership of several SQL Projects with NonProfit schematic data, as well as routine data hygiene.
- Constructed new SQL queries, & edited pre-existing stored procedures. Modified copious records through ETL.

## EDUCATION

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### University At Albany (SUNY)

Graduated May 5th, 2019

*B.S. Computer Science (Physics/Mathematics Concentration)*

Albany NY, Washington Ave

- Overseer of on campus nonprofit & community service organizations (Purple Threads).
- Creator of TestBank, a JS web-application meant to replace the university's test taking system, Blackboard

## SKILLS & INTERESTS

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- **Skills:** TypeScript; Asynchronous JavaScript; Relational Databases; PostgreSQL; API Configuration & Utilization; Bash Scripting in the Command Line; Python; BI Tools (Metabase, Tableau); AWS & AWS CLI; Fluent with GIT Version Control & GIT CLI; T.D.D; DB Performance Improvement(Indexing, Query time reductions); Jest Library & Test Assertion Runner; HTML & JSX; Learning new things fast!
- **Interests:** Nonprofits & Community Service; Running; Podcasts; Dogs; Learning; Space; A drink with friends