

# Christopher Graham New York, NY

❖ Christo.graham1@gmail.com ❖ (917) 600-5179 ❖ [Christosite.HerokuApp.com](https://Christosite.HerokuApp.com)

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## WORK EXPERIENCE

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**Médecins Sans Frontières / Doctors Without Borders (WebApp, Nonprofit)** **12/2022– Present**  
*Software Engineer* *NY, Rector St.*

- Achieved an increase of Web Application content visibility by **1223%** within Google Search Results for the organizations Scientific & Medical publications through creation of an API to resolve a critical indexing issue while still onboarding.
- Scoped out & developed solutions to launch critical bugs during a handoff and release process for an outsourced web application that was being transferred back to the organization.

**Notable Finance (WebApp, FinTech, Startup)** **04/2021 – 09/2022**  
*Data Engineer* *NY, WTC FL. 59*

- Gracefully handled ownership of the resolution & escalation of Engineering department related web-application issues. Orchestrated PostgreSQL Database operations & migrations.
- Utilized TypeScript (a strict syntactical superset of JS) to develop 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 reviewed & unit tested the code of our senior engineers.
- Utilized partner API's & JS to create automated data flows around the organization. Also oversaw the upkeep & maintenance of these company-wide automations (refactors, error tracking).
- Found & relayed answers to technical questions through joint use of error tracking & log management software.

**Notable Finance (WebApp, FinTech, Startup)** **04/2020 – 04/2021**  
*Technical Operations Associate* *NY, WTC FL. 59*

- Utilization of complex PostgreSQL to construct raw ad-hoc queries , stored procedures & automations for various internal & external stakeholders.
- Participated in daily Engineering standups and relayed progress to the CEO & CTO on scrum development of backend web-application features during sprints.
- Assisted in data migrations, & developed code in the backend to create solutions for 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)**  
*B.S. Computer Science (Physics/Mathematics Concentration)*

**Graduated May 5th, 2019**  
*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; Docker & Containerization; Angular; Relational Databases; PostgreSQL; C#; DotNet; API Configuration & Utilization; Bash Scripting; Python; BI Tools (Metabase, Tableau); AWS & AWS CLI; 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!