

# STEPHEN CHOUNG

## Data Engineer

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🔗 <https://twprcntmlk.github.io/> 📍 Available To Relocate



## EXPERIENCE

### Data Analyst / Data Engineer

#### myLaurel

📅 03/2024 - 04/2025 📍 New York, NY

- Collaborated with stakeholders to develop dashboards and analytics for conversion, NPS, claims, prescribed and administered medicines, and customer outreach and more, reducing redundant analytics reporting by 90%.
- Contributed significantly to the creation and logic of the 'Episodes' framework, a major company-wide change in workflow that upgraded financial tracking, boosting care coordination and providing greater insight into patient care metrics. This increased workflow efficiency by 40% across all departments.
- Crafted 3 key executive dashboards, along with 100+ reports, tables, and dashboards using Metabase and Tableau, enabling self-serve data access.
- Built interactive live data charts capable of handling user input through AWS, Terraform and ETL products, for logging and fixing important metrics without a software interface, reducing ad hoc requests by 20%.
- Scaled and managed ETL pipelines from 1500+ external and internal sources and initiated protocols for large-scale data cleanup and automation, enhancing workflow efficiency with future-proofing through logs and alerts.
- Ensured HIPAA compliance for 100% of PII and PHI records by managing data transformations and permissions across production tables and software.

### Full Stack Developer

#### Monetary Metals

📅 02/2021 - 02/2023 📍 Tempe, AZ

- Led the design and implementation of a responsive client portal, focusing on code efficiency and user experience, enhancing user engagement by 30% and reducing page load times by 40% through hydration, code splitting, and server-side rendering.
- Attained 100% compliance with Financial Information Security Regulations by implementing Role-Based Access Controls and AWS Identity & Access Management, and integrating AWS Cloud Databases with modern security protocols.
- Created and implemented a Python-based lease rebalancing algorithm, revolutionizing the company's asset management approach, realizing a 15% increase in revenue and 10% decrease in operational costs.

### Logistics Data Analyst / Data Scientist

#### LG Electronics

📅 03/2019 - 01/2021 📍 Englewood Cliffs, NJ

- Successfully deployed Robotic Process Automation using Selenium and UiPath, automating key processes, reducing labor hours by over 80 hours per month, significantly boosting operational efficiency and productivity.
- Fine-tuned decision-making processes by optimizing 5 logistics KPIs through advanced analytical models in Jupyter Notebook during 'Safeguard'.
- Orchestrated strategic initiatives across LG Electronics subsidiaries, resulting in a substantial cost reduction of over \$20 million related to demurrage, chassis, and detention.

## ADDITIONAL EXPERIENCE

### CEO & Founder

#### Paragon Fashion Traders

📅 08/2012 - 02/2019 📍 Fort Lee, NJ

### Data Analyst

#### Amazon - Quidsi

📅 2010 - 2012 📍 Jersey City, NJ

## SKILLS

### Data & Database Management:

Data Science	ETL/ELT	Pandas
AWS Webhooks	dbt	Apache Spark
Terraform	Postgres	SQL
Tableau	AWS Lambda	Apache Airflow
AWS RedShift	Apache Kafka	Metabase

### Automation & Process:

Selenium	UiPath	Power Automate
Scripting	Jupyter	Beautiful Soup

### Programming & Scripting Languages

C#	Java	JavaScript	Python	SQL
HTML	CSS	Typescript	C	Bash

### Coding Skills:

Agile Methods	Websockets	APIs	OOP
LangChain	Microservices	IAM	
OpenAI	Git	Figma	Docker
			PyTest

### Domain Specific - Skills:

E-Commerce	Logistics	Healthcare
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## EDUCATION

### Bachelor of Science in Accountancy

#### University of Illinois at Urbana-Champaign

### Software Development - Computer Science

#### App Academy

📅 03/2021 - 09/2021

## LANGUAGES

English	Native
Korean	Proficient

## INTERESTS

★ Go, 바둑, 囲碁, 围棋