

# David J. Vigh

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## WORK EXPERIENCE

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### Amgen - Chicago, IL

#### Senior Data Engineer

October 2023 - Present

- Developing and maintaining a multi-cloud data platform
- Leading the development of new internal tools to enhance operational efficiency
- Building a custom orchestrator to decrease data turnaround times from days to hours
- Guiding direct reports in crafting impactful software solutions

### Horizon Therapeutics - Chicago, IL

#### Senior Data Engineer

July 2022 - October 2023

- Facilitated a smooth transition of an upgraded data format
- Expanded data coverage by integrating additional sources, ensuring comprehensive insights
- Oversaw and mentored a summer intern in successfully developing an internal doctor lookup tool

#### Data Engineer II

July 2021 - July 2022

- Increasing scalability using a multi-cloud platform
- Continue MDM project development with stakeholders across analytics departments
- Managing and improving the scalability and capabilities of the data science platform
- Improving ETL pipelines with new features and data sources

#### Data Engineer

January 2020 - June 2021

- Decreased processing time by 5x of monthly deliveries of 10B rows of data
- Designed, built, and maintained multiple MDM projects improving organizational clarity of data sets
- Developed automated data pulls using Selenium

#### Contractor

August 2019 - December 2019

- Migrated on premises distributed computing environment to GCP to increase platform scalability

### Software Developer and Data Engineer - Chicago, IL

#### Contractor

June 2018 - August 2019

- Developed data warehouses for several projects
- Designed and implemented web scraper in Python

### Clarkson University - Potsdam, NY

#### Statistics Teaching Assistant

Sep. 2017 - May 2018

- Explained technical statistical concepts to students in clear comprehensible terms
- Developed course curriculum

## EDUCATION & TECHNICAL SKILLS

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### Clarkson University - Potsdam, NY

MS, Applied Data Science

May 2017

BS, Computer Science

May 2018

#### Computer Science

Git, Python, Go, SQL, noSQL, C++, APIs, RESTful Interfaces, Django, Flask, Linux, HTML, CSS, and Machine Learning

#### Data Management

GCP (compute, storage, dataproc), AWS (S3, EC2, Lambda), MongoDB, Pyspark, Spark, SQL Server, Selenium, Tableau, Docker