

PARTH LAKHANI

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WORK EXPERIENCE

Komodo Health

2018 – 2020

Data Scientist/Healthcare Analytics Engineer

Remote/New York, NY

- Built data insights team and processes from scratch as first team hire.
- Acted as subject matter expert liaison between client-facing teams and insights team.
- Used medical/pharmacy claims and lab test data to execute client-facing healthcare analytics projects.

Yext

2016 – 2017

Data Strategist

New York, NY

- Working across multiple teams, conducted internal analyses of large customer outcomes datasets to deliver novel insights on best practices, requiring NLP and machine learning techniques.
- Architected and developed new process automation tools as notebooks or browser-based interfaces.
- Advised Engineering and Product teams on data governance and data quality initiatives.

Captain401

2015 – 2016

Software Developer

San Francisco, CA

- Built client payroll tracking and parsing infrastructure using NodeJS and React
- Prototyped internal operations tool using Python, Flask, and Postgres

UC San Francisco/Massachusetts General Hospital

2013 – 2015

Laboratory Solutions Developer/Research Technician II

San Francisco, CA/Boston, MA

- Independently designed and developed end-to-end ETL and analysis pipeline.
- Built multiple laboratory inventory and monitoring applications with PaaS/on-premise hosting as needed.
- Designed novel assays for custom MATLAB and Arduino-based rapid behavioral phenotyping platform.
- Used CRISPR in zebrafish models to study various pathways in behavior and neurodegeneration.
- Results published in *Nature Chemical Biology* and *Frontiers in Pharmacology*.

Mount Sinai School of Medicine, Department of Nephrology

2010 – 2013

Associate Researcher

New York, NY

- Managed team of 3 technicians to run multi-facility mouse colony of 1000+ mice.
- Studied autoimmunity/alloimmunity connection, including publishing independent research project.
- Results published in *Transplantation* and *American Journal of Transplantation*.

SKILLS

Languages Python, SQL, JavaScript, MATLAB, bash scripting, L^AT_EX, R

Technologies pandas, PySpark, Kubernetes, AWS, Snowflake, scikit-learn, Flask/Django, PostgreSQL/MySQL, Tableau, git, NodeJS, Heroku

EDUCATION

DataCamp/Coursera/Udacity, Independent study

2015 – Present

Coursework in: data analysis, statistics, data visualization, web development, health informatics

Swarthmore College, B.A., Biology

2006 – 2010

Relevant coursework: Algorithmic Problem Solving, Data Analysis and Visualization, Privacy and Security