

PARTH LAKHANI

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WORK EXPERIENCE

Komodo Health

Healthcare Analytics Engineer

2018 – Present

New York, NY/remote

- Build data insights team and processes from scratch as first team hire.
- Act as subject matter expert liaison between client-facing teams and insights team.

Yext

Data Strategist

2016 – 2017

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.
- Completed major refactor of legacy codebase, including Python 2 to 3 transition.
- Advised Engineering and Product teams on data governance and data quality initiatives.

Captain401

Software Development Intern

2015 – 2016

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

Laboratory Solutions Developer/Research Technician II

2013 – 2015

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

Associate Researcher

2010 – 2013

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, Flask/Django, PostgreSQL/MySQL, Tableau, git, NodeJS, Heroku,

EDUCATION

DataCamp/Udacity/Coursera, Independent study

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

2015 – Present

Swarthmore College, B.A., Biology

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

2006 – 2010