

# PARTH LAKHANI

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## WORK EXPERIENCE

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**Kelsey-Seybold Clinic** 2020 – Present  
*Healthcare Informatics Analyst* Houston, TX

- Use Epic EHR and claims data within SQL Server with Python and PowerBI to inform internal process improvement and decision support initiatives.

**Komodo Health** 2018 – 2020  
*Data Scientist/Healthcare Analytics Engineer* Houston, TX/New York, NY

- Built data insights team and processes from scratch as first team hire, employing PySpark and Kubernetes.
- 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.

**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.

## SKILLS

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**Languages** Python, SQL, JavaScript, MATLAB, `bash` scripting, L<sup>A</sup>T<sub>E</sub>X, R, Go

**Technologies** pandas, PySpark, Kubernetes, AWS, Snowflake, scikit-learn, Flask/Django, PostgreSQL/MySQL/SQL Server, PowerBI, Tableau, git, NodeJS, D3, Heroku

## EDUCATION

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**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