

Patrick Tyler Haas


Data Analyst

CONTACT

 925.330.5980

 patrick.tyler.haas@gmail.com

 San Francisco, CA

 haaspt

SKILLS

Languages and Software

- Python
- pandas, scikit-learn, matplotlib
- SQL (Postgres, Redshift)
- Docker
- Kubernetes
- Looker, Tableau, PowerBI
- Superset, Kepler.gl
- Jupyter notebooks, Zeppelin

Skills and Expertise

- Exploratory analytics
- Predictive modeling
- Metric design and visualization
- Vehicle telemetry
- GIS, mapping and visualization
- Micromobility operations

EDUCATION

M.A. Classical Archaeology

University of Cincinnati
Cincinnati, OH | 2013

B.A. Classical Archaeology

UC Santa Barbara
Santa Barbara, CA | 2010

LANGUAGES

French | Professional

EXPERIENCE

Data Analyst, Operations & Fleet Tools

SCOOT NETWORKS | SAN FRANCISCO, CA | OCT 2018 – PRESENT

- Responsible for analysis and exploration of data collected from thousands of shared electric vehicles operating in three countries.
- Developed key operating metrics related to vehicle utilization, fleet health, customer demand, and fleet tech performance for key stakeholders.
- Provided analyses to leadership on subjects including vehicle GPS accuracy, predictive demand modeling, and fleet rebalancing.
- Substantially improved our geospatial intelligence by introducing a hierarchical geoindexing tool, Uber H3, and integrating it with our analytics toolset.
- Designed SQL queries to convert raw vehicle telemetry into actionable analytics.
- Deployed analytics software and machine learning scripts to Kubernetes
- Served as data lead within the fleet tools product team.

Database Administrator & Applications Developer

ROOM TO READ | SAN FRANCISCO, CA | JAN 2016 – OCT 2018

- Oversaw fundraising data processing and donor analytics for an educational NGO with annual revenue over \$45M operating across eight global markets.
- Designed SQL queries and Python scripts for data gathering, cleaning, and analysis, as well as reports and dashboards in Tableau, Excel, and Jupyter notebooks for key decision makers.
- Developed and maintained internal and external facing Python, Node.js, and Apex/Visualforce applications.

VOLUNTEER EXPERIENCE

Data Science Volunteer

DATAKIND | SAN FRANCISCO, CA | JUN 2016 – PRESENT

- Provided subject matter expertise to multiple nonprofit organizations on how to enhance their work using data.
- Led groups of data volunteers advising org partners on data insights and building proof-of-concept tools overcome organizational challenges.
- Utilized collaboration and version control software to enable rapid development among groups of data scientists and developers during hackathons.