

Liam Walsh

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Experience

Lyft | San Francisco, CA

April 2021 - September 2021

Data Scientist (Lyft bikes and scooters)

- Created revenue dashboard for analyzing core business drivers and per ride cost breakdowns
 - Implemented revenue forecasts leveraging Facebook's open source Prophet model
 - Used backend tools for automated data polling and editing in our query engine presto using airflow
 - Talked through keymetrics with stakeholders to prioritize important issues
- Designed data sources and ETLs for use in calculating an accurate view of our revenue
 - Debugged and analyzed metrics within our revenue ETL to give the science team a clear understanding of our revenue structure
- Worked across Policy and Science to give stakeholders insights into our revenue data
 - Built out self serve dashboards allowing insights into our corporate partner revenue facilitate further acquisitions
- Documented and centralized various data sources for more fluid and accurate analyses

WhatsBusy | Austin, TX

August 2020 - Jan 2021

Backend Data Science Internship

- Developed data models for improving the performance of small businesses
- Used Django and PostgreSQL to store and query backend Data
- Created Rest APIs in django to query data on the frontend and then graphed the data using Javascript
- Researched Google and Facebook automated Marketing strategies
- Designed a Data driven app for automated advertising

Motorcycle Graphs

Summer 2019

Summer Project

- Programmed a tool for expanding or contracting arbitrary polygons (polygon offsetting)
- Calculated polygon straight skeletons by solving motorcycle graphs

League of Legends Android App

Fall 2017

CS 126 Final Project

- Built a match history interface and imported recent game data through Riot API
- Designed intuitive guide creation interface
- Enabled users to store, share, and edit guides with Firebase Realtime Database
 - Integrated Google login services to authenticate user accounts and manage user permissions for guides

Education

University of Illinois at Urbana-Champaign

May 2021

B.S. in Statistics & Computer Science

- CS 412: Data Mining
- CS 233: Computer Architecture
- Stat 420: Applied Statistics
- Stat 428: Statistical Computing

Baton Rouge Magnet High

May 2017

Skills & Interests

Skills:

- Python/Java/C/C++/R
- Source Control: GIT/SVN
- Data Analysis / SQL
- Classifiers/Clustering/Forecasting
- HTML/CSS/Django
- Linux/Bash
- Bilingual (Polish and English)

Interests: Cooking and Baking, Competitive Gaming, Hiking