

**Mani Allie**  
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## Education

### University of Southern California

Geographic Information Science & Technology Graduate Certificate

**Los Angeles, CA**

May 2020

### West Chester University of PA

Bachelor's in Geographic Information Systems

**West Chester, PA**

May 2017

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## Work Experience

### Bird Rides, Inc.

Business Operations Analyst

**Santa Monica, CA**

September 2018 - March 2020

- Determined drop locations for scooter placement to increase rides
- Analyzed drop locations for scooter placement to increase rides per release
- Optimized operational weather thresholds via a/b testing to improve utilization
- Created & ran sql queries to aid in analytical and operational support of business
- Processed json files using QGIS and command scripts to produce competitive intel reports on equity zone caps
- Researched and mapped operational areas that would be affected by extreme weather events
- Analyzed ride revenue during operational changes after weather events via RStudio; findings led to an increase in fleet size

### Public Service Electric & Gas (PSEG)

GIS Technical Specialist

**Moorestown, NJ**

October 2017 - May 2018

- Maintained an enterprise geospatial database system
  - Analyzed and updated on average 15 work orders per day
  - Problem-solved on inaccurate work order data
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## Career Development

### DataCamp Learn

Data Scientist Track Assessments

**online**

February 2021 - present

- Data Manipulation with Python
  - Importing and Cleaning Data with Python
  - Statistical Fundamentals in Python
  - Machine Learning Fundamentals
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**Softwares: Tableau, Mode, Jupyter Notebook**

**Languages: SQL, Python, Javascript**