

# Emily O. Gee

gee.emily16@gmail.com ♦ www.emilygee.me ♦ GitHub: emilygee1

---

## Education

**University of Maryland** - College Park, MD

Aug 2016 - May 2020

B.S. Operations Management & Business Analytics, and Information Systems

Honors College - University Honors citation; Dean's scholarship

---

## Experience

**Teaching Assistant**, *University of Maryland* - College Park, MD

Jan 2020 - May 2020

- TA for BMGT431 (Data Analytics)
- Helped students with data mining foundations and techniques in R, including regression, classification, clustering, and neural networks
- Graded homework assignments and held weekly office hours

**Data Science Intern**, *Facebook* - Menlo Park, CA

May 2019 - Aug 2019

- Explored different user segments to understand product-market fit for new feature by querying, aggregating, and analyzing large datasets
- Applied NLU models to build data pipeline with predictions of commerce intent to gain insight on organic product usage
- Developed machine learning models in Python to classify Facebook stories and determine feature importance

**Data Analytics Intern**, *Facebook* - Menlo Park, CA

Jun 2018 - Aug 2018

- Interpreted online behavioral advertising data to determine prioritization for the Ads Ranking Return On Ad Spend product
  - Proposed product recommendations to cross-functional partners and senior members
- 

## Projects

**Analysis of Affordable and Sustainable Housing** - *UMD Data Challenge*

Feb 2020

- Analyzed datasets of households enrolled in rental subsidy programs in 2009, 2014, and 2018 to show changes over time
- Built logistic regression model and classification tree in R to classify households into programs based on demographic and external variables, achieving 58% accuracy
- Highlighted the environmental, social, and economic importance of affordable housing for low-income families

**Classifying Kickstarter Projects**

Nov 2019 - Dec 2019

- Cleaned and analyzed a dataset with details of over 300,000 Kickstarter projects
  - Trained a kNN model to classify projects as successful or unsuccessful with 99% accuracy
  - Compared model results and performance measures with other group members' methods to determine best classification procedure
- 

## Honors & Awards

**Forbes Under 30 Scholar** - *Forbes Magazine*

Sept 2018

Awarded exclusive free access to Forbes Under 30 Summit in Boston, MA

---

## Skills

SQL (Hive/Presto), Python, R, HTML/CSS, JavaScript, SQL Server, VBA, Excel, Git