

# Yi (Evers) Feng

## Aspiring Product Manager & Data Scientist

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### SKILLS

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**Programming Languages:** Python, R, MATLAB, SQL, SAS, Cypher, C++, Java, SPSS, Bash Script

**Tools:** GitHub, Scikit-Learn, Pandas, NumPy, TensorFlow, NLTK, Tableau, Neo4j

**Relevant Coursework:** A/B Testing, Cloud Computing, Statistical Analysis, Probability, Natural Language Processing

**Certifications:** AWS Certified Cloud Practitioner [\[credentials\]](#), Duke Innovation & Entrepreneurship Certificate, Truist Emerging Leader Certificate

### EDUCATION

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#### Duke University

Aug 2020 - May 2022

- *M.S. in Interdisciplinary Data Science:* 3.91/4.0
  - Duke Interdisciplinary Product Management Club: *Founder & President*
  - Duke Student Founder Program: *Mentee*

#### University of California, Los Angeles

Sep 2016 - Jun 2020

- *B.A. in Sociology:* 3.92/4.0
- *B.S. in Cognitive Science:* 3.70/4.0      *Specialization in Computing:* 3.86/4.0

### RESEARCH AND PROFESSIONAL EXPERIENCES

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#### Duke Social Science Research Institute, Durham, NC

Dec 2020 - Present

##### Research & Teaching Assistant

- Analyze Legal Enforcement Agency data to investigate the effect of California Voting Rights Act on policing arrests.
- Assist course instruction and in-class R coding exercises for class: *Computational Methods for Social Scientists*.
- Mentor students on data science workflow best practices and Python coding for class: *Practical Data Science*.

#### Truist (formerly BB&T and SunTrust), Durham, NC

Jun - Aug 2021

##### Data Science Intern

- Identified pain points in improving Talent Acquisition work experience by implementing LDA model on teammate survey data.
- Analyzed return-to-work public opinions in Tableau by creating a data model and an automated workflow for data ingestion.
- Defined teammate persona profiling through combining Sentiment Analysis (*FLAIR*) and Random Forest model.

#### Duke Interdisciplinary Social Innovators, Durham, NC

Nov 2020 - May 2021

##### Project Innovator

- Conducted technical problem categorization and data cleaning for client - Engineering World Health.
- Informed client's decision-making in market expansion and product diversity by delivering a constructive market analysis.

#### Octi, Los Angeles, CA

Jul - Sep 2019

##### Software Behavior Analyst

- Pioneered a product launching plan on TikTok through detailed research, approved by the CEO.
- Supported core functionality of OctiGram by building a facial recognition processing tool using OpenCV. [\[code\]](#)

### PROJECTS

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#### Concept Modeling in IEEE Publication Knowledge Graph - Project Manager

Present

- Improve IEEE Xplore digital library search quality by providing dynamic concept extraction and tagging on publications.
- Leverage Neo4j graph database to validate extracted concepts through graph linkages between existing and new concepts.
- Enable visualizations of latent topic hierarchy among different fields of study.

#### MIDS Electives Resource Hub - Product Manager

Present

- Lead a team of graduate students to launch an elective course recommendation Web App on AWS.
- Design App core functionalities and evaluative metrics for user satisfaction and website traffic monitoring.

#### CNN Integrated OCR on Street Sign Recognition [\[code\]](#) - Project Manager

May 2021

- Mobilized a team of five to deliver project milestones on time and attained high achievement as a team.
- Combined Convolutional Neural Network model in digit and character recognition to contribute to current OCR literature.

#### Humana-Mays Healthcare Competition - Top 50 Finalists [\[code\]](#)

Sep 2020

- Collaborated with a team of three and achieved top 15% nationwide on building a machine-learning-powered model to predict transportation difficulty from big data.
- Delivered a comprehensive report to interpret findings and offer business insights into resolving transportation difficulty.