

Benjamin Noah

[LinkedIn](#) | [GitHub](#) | [Portfolio](#) | bnoah1216@gmail.com | +1-323-428-4057 | LA, CA

SUMMARY

Data Scientist with 6+ years of experience, who comes from an academic background. Through my past experiences, I have developed a deep understanding of a variety of models that can help businesses make better decisions.

TECHNICAL SKILLS

Python, SQL, Stata, Git/Github, LaTeX, TreeAge, PyTorch, SciKit-Learn, Kears, TensorFlow

TECHNICAL PROJECTS

Telecom - Notebook

1/2022

To create a machine learning model to predict if customers will leave Telcom soon.

- Preprocessed and merged 3 datasets with information on telecom clients.
- Built 5 models using a variety of different classification machine learning techniques.
- Used hyperparameter tuning, along with cross-validation, to decide on an optimal model.
- Created an interactive dashboard to view the performance summary of each model.

Film Junky Union - Notebook

12/2021

To create a machine learning model to automatically detect negative reviews.

- Displayed summary statistics using a variety of graphs.
- Normalized the text using regular expressions.
- Built 5 models using a variety of different tokenizers and training methods.
- Analyzed the results using a variety of different metrics including accuracy, F1, and ROC-AUC scores.

EXPERIENCE

University of California, Santa Barbara (UCSB)

9/2018 - 9/2021

Research Associate/Assistant

- Wrote 5+ reports analyzing research papers by highlighting the strengths, weaknesses, and ideas for future research using an economic perspective.
- Wrote a research report on the use of mixture models in economic analysis.
- Identified new topics to research by synthesizing general research in the field and presented research proposals on topics in population, behavioral, and health economics.

Cedars-Sinai Center for Outcomes Research and Education

9/2016 - 6/2018

Researcher

- Designed cost-effectiveness/health decision models for various projects.
- Conducted systematic reviews and meta-analyses for several studies, including the use of remote monitoring devices on clinical outcomes and the use of patient education materials to reduce inappropriate opioid use
- Organized, planned, and coordinated a national conference on medical virtual reality.
- Coordinated Institutional Review Board applications, edited and revised consent forms, and revised protocols to ensure compliance with organizational policies and federal laws.

EDUCATION

Practicum by Yandex | *Data Science Program*

2021

University of California, Santa Barbara | *M.A. in Economics*

2020

University of Oregon | *B.S. in Economics with Departmental Honors*

2016

Awards: Magna Cum Laude, Major GPA 4.10

Best Team Honors Thesis Award:

[*Gender and Peer Effects on High School Graduation in Oregon*](#)