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
Web Developer
- 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 I *Data Science Program*   2021
University of California, Santa Barbara I *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*](#)