VIGNESH KUMARESAN

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EDUCATION

Duke University   May 2020
Master in Interdisciplinary Data Science   Durham, NC
University of Miami   May 2016
Bachelor of Science in Economics and Psychology, Minor in Biology   Coral Gables, FL

TECHNICAL SKILLS

Languages: Python, R, SQL, Tableau, SAS, SPSS
Currently completing coursework in data science techniques, machine learning, and statistics.
Experience with applied analysis (pandas, numpy, tidyverse) and deep learning (TensorFlow, PyTorch)

RELEVANT PROJECTS

Currently working with Duke Surgery on various data science projects for use in the health system, including OR schedule optimization and heart transplant risk modeling.
Head of Data Science for Duke Data Ops, a pro-bono consulting club that focuses on helping small businesses make better decisions with data.
Co-Author (in review)- 'Applying Topic Modeling to the Analysis of Clinical Consultations: the Study of Patients with Low- and Intermediate-Risk Cancer.'

EXPERIENCE

Verily Life Sciences (formerly Google Life Sciences)   5/19-8/19
Health Informatics Intern   Cambridge, MA
- Responsible for data engineering and production of clinical notes NLP pipeline
- Conducted time series analysis to observe patterns in pharmacy fill data
- Delivered knowledge to bridge the gap between software engineers, clinicians, and product managers

IBM Watson Health   2/17-7/18
Data Scientist, Emerging Analytics, Value Based Care   Cambridge, MA
- Researched social determinants of health and their predictive ability to improve clinical outcomes
- Collaborated with team members and employed statistical techniques to build predictive models
- Utilized data science tools (R, Python, etc.) to manipulate and analyze datasets
- Presented results to business stakeholders and maintained dialogue to inform analysis

IBM Watson Health   8/16-2/17
BlueSpark Leadership Development Program 5.0   Cambridge, MA
- Rotated through various business units in Watson Health to gain experience and insight
- Contributed to projects in Offering Management, Consulting, and Life Sciences
- Attended seminars and learning sessions about the healthcare industry
- Graduated from IBM Global Sales School, a seller certification program

OTHER

LinkedIn: https://www.linkedin.com/in/viggy-kumaresan/
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United States Citizen