Brennan **Beal**

QUANTITATIVE SCIENTIST

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I'm a data scientist passionate about bridging the gap between data and decision-making - let's build something together!

Experience

Quantitative Scientist
New York, NY

FLATIRON HEALTH
January 2021 –> Present

- Leading the Syntech team in the automation and deployment of our quality assessment pipeline
- Building QS-specific R packages to help scale the way we pressure test our data
- Collaborating with our research clinicians to conduct research on barriers to receiving life-saving oncology therapies
- Thought leader regarding the transportability of US RWE for ex-US use cases

Post-Doctoral Healthcare Economics Research Fellow
Seattle, WA

ABBVIE IN CONJUNCTION WITH THE UNIVERSITY OF WASHINGTON
June 2019 –> December 2020

- Led a team of 3 to create the CHOICE REAdi Tool, an RShiny app to assist with Real World Evidence assessment
- Developed economic models to demonstrate the cost-effectiveness of an early-stage gene therapy
- Designed and led a 3-day 'Intro to R' course for incoming CHOICE M.S. and Ph.D. students
- Completed Masters coursework and thesis in healathcare economics, biostatistics, and epidemiology

Independent Consultant
Raleigh, NC

CHIESI USA, INC.
October 2018 –> June 2019

- Consulted with Chiesi's decision-support team to make use of their marketing database
- Recommended a restructure of FY 2020 marketing strategy by identifying a $600k profit opportunity within their provider outreach program

Education

University of Washington CHOICE Institute
Seattle, WA

MASTERS, HEALTHCARE ECONOMICS AND OUTCOMES RESEARCH, GPA 3.7
2020

- University of Washington School of Pharmacy Graduate Student Leadership Award

University of North Carolina Eshelman School of Pharmacy
Chapel Hill, NC

DOCTOR OF PHARMACY, GPA 3.4
2019

- PCAT 93rd Percentile (99th percentile in Quant. Reasoning)

North Carolina State Univesity
Raleigh, NC

BACHELORS STRUCTURAL AND MOLECULAR BIOCHEMISTRY, GPA 3.4
2015

Packages

adheRenceRX
https://btbeal.github.io/adheRenceRX/

AN OPINIONATED PACKAGE SET ON INCREASING THE SPEED AND INTUITION OF WITH WHICH RESEARCHERS CAN CONDUCT MEDICATION ADHERENCE ASSESSMENT
December 2020

- Author and Maintainer
- Released to CRAN

Skills

Programming

R, RMARKDOWN, RSHINY

Version Control

GIT

Editors

RStudio, IntelliJ