

# JAMES WILLIAMS

## CAREER OBJECTIVE

Data Scientist with experience in designing automation tools and conducting statistical analyses who is team oriented and innovative. Skilled in designing programmatic systems, packages, and apps. Seeking Senior Data Scientist role at an organization with robust data sources to use my expertise to provide meaningful analyses to clients and utilize my engineering experience to address business inefficiencies.

## CONTACT

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<https://jw388743.github.io>

## SOFT SKILLS

- Creative & Critical Thinking
- Problem Solving
- Communication
- Interpersonal Skills
- Judgement

## HARD SKILLS

- Data Exploration
- Data Cleaning/Preparation
- Data Visualization
- Hypothesis Testing
- Statistical Modeling
- Time-Series Analysis
- Web Scraping
- Functional Programming
- Version Control

## TOOLS

- R
- R Shiny
- Python
- SQL
- Excel

## EDUCATION

### *Boston College*

**May 2019 – Aug. 2020**

Master of Science in Applied Economics

GPA: 3.91

Coursework: Behavioral Economics, Machine Learning, Forecasting, Econometrics

### *Suffolk University*

**Aug. 2015 – May 2019**

Bachelor of Arts in Economics

GPA: 3.77 (cum laude)

Economics Department Award for Academic Excellence

Relevant Coursework: Statistics, Calculus, Econometrics, Forecasting, Game Theory

## WORK EXPERIENCE

### **Forrester Research**

**Sept. 2020 - Present**

#### *Data Science Researcher, CX Index*

**July 2022 - Present**

- Developed and launched a Shiny app for internal company use.
- Enhance and maintain other Shiny app upon departure or Sr. Data Scientist.
- Developed new analyses and enhanced the CX Elite presentation purchased by clients.
- Continued development of automation tools to solve business inefficiencies.
- Assist in algorithm development.
- Contribute to research reports by providing insights from data analysis.
- Lead presentations with clients to answer questions about analyses conducted.
- Attend analyst presentations as support for client questions regarding data, analyses conducted, and methodology.
- Responsible for training and mentoring new Data Science Associate.
- Responsible for leading trainings of automation tools with analysts.
- Responsible for leading trainings of how to use and interpret CX Index data with analysts.
- Held office hours for anyone to attend with questions about data, statistics, or programming in R.

#### *Data Science Associate, CX Index*

**Sept. 2020 – June 2022**

- Automate reports and deliverables by developing R packages.
- Acted as a primary maintainer of six R packages used in automation processes.
- Execute custom client analysis for analyst's presentations.
- Develop automation tools to solve data pipeline inefficiencies.
- Work directly with analysts and data scientists to solve business problems.
- Contribute to research reports by providing insights from data analysis.
- Lead presentations with clients to answer questions about analyses conducted.

#### *Data Science Intern, CX Index*

**Feb. 2020 - Sept. 2020**

- Learned version control using git and GitHub.
- Learned version control best practices for production grade projects.
- Contributed to R package development writing production grade code.
- Learned R package development and best practices.
- Improved as a programmer and engineer from Data Scientist.