

# JAMES WILLIAMS

## CAREER OBJECTIVE

Experienced Data Scientist specializing in analysis pipeline automation tools, data analysis, and programmatic systems. Seeking a Senior Data Scientist role at an organization with rich data sources to deliver meaningful insights and drive efficiency improvements. A team-oriented and innovative professional.

## 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 an internal Shiny app, improving data accessibility and analysis efficiency.
- Continuously enhanced and maintained Shiny apps, ensuring seamless functionality.
- Led the development of new analyses and enhancements for the CX Elite presentation, enhancing value for clients.
- Contributed to the development of automation tools, reducing business inefficiencies.
- Collaborated on algorithm development, adding depth to research capabilities.
- Provided crucial data insights for research reports, supporting data-driven decision-making.
- Conducted client presentations, effectively communicating analysis findings.
- Attended analyst presentations to provide expertise on data, analysis, and methodology.
- Led training sessions for Data Science Associates and analysts on automation tools and CX Index data interpretation.
- Designed and delivered R programming trainings for the Operations team, covering basic to advanced topics in a structured lecture format.

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

**Sept. 2020 – June 2022**

- Developed and maintained six R packages, significantly automating report generation and deliverables.
- Collaborated on custom client analysis, contributing to analyst presentations.
- Spearheaded the creation of automation tools, optimizing data pipelines.
- Worked closely with analysts and data scientists to address business challenges.
- Provided valuable insights for research reports, enhancing data-driven decision-making.
- Conducted client presentations, effectively communicating analysis results.

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

**Feb. 2020 - Sept. 2020**

- Acquired proficiency in version control using Git and GitHub, adhering to best practices.
- Contributed to R package development, producing production-grade code.
- Gained expertise in R package development and best practices.
- Demonstrated significant growth in programming and engineering skills throughout the internship.