

# ROCÍO JAIME

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## EDUCATION

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### Smith College

*B.A. in Computer Science*

*B.A. in Statistical and Data Sciences*

*May 2021*

*Cum. GPA: 3.4*

## EXPERIENCE

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### Data Assistant

*Smith College*

*Northampton, MA*

*September 2018 - Present*

- Assist in labs of approximately 40 students and guide participants to completion of their projects.
- Answer student questions outside of lecture about R and SQL.

### Statistical and Data Science TA

*Smith College*

*Northampton, MA*

*September 2018 - Present*

- Hold tutoring drop-in hours for students taking courses in Statistical and Data Science.
- Participate in continuous cycles of planning for tutoring agendas.

## PROJECTS

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### Handwriting Recognition Research

*September 2018*

- Generate vectors of ground truth images based on photograph consisting of Estrangelo Syriac text using MATLAB.
- Detect errors and fix pixels of generated ground truth images using software written in MATLAB.

### Graph GUI

*May 2018*

- Designed and implemented a Graph GUI in **Java** allowing the user to edit nodes and graph structure.
- Used 'javax.swing' package.

### Data Journalism Article: Sequels in Hollywood

*November 2017*

- Determined patterns and trends in the production of sequels in Hollywood by wrangling data from IMDB Database using **SQL** and **R**.
- Displayed growth in frequency of movie sequel/remake production through a data visualization made using the **ggplot2** package in RStudio.

## SKILLS

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### Languages

Java, Python, C, R, SQL, HTML, CSS

### Software

RStudio, Git, Windows, OSX, Linux, Microsoft Office

## RELEVANT COURSES

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### Core Courses

Programming with Data Structures

Machine Learning

Intro to Data Science

Computer System Principles

Communicating with Data

### Other Courses

Calculus