

# José San Martín

919-753-6779, js665@Duke.edu

[LinkedIn](#)

## EDUCATION

---

### Duke University, Trinity College of Arts and Sciences

(Durham, NC), May, 2020

- Junior at Duke University with intended majors in *Computer Science* and *Statistical Science*
- **Cumulative GPA:** 3.64/4.0
- **Relevant Courses:** Regression Analysis(A), Statistical Computing(A-), Computer Architecture(A), Data Structures & Algorithms(A), Mathematical Statistics, Elements of Machine Learning, Bayesian Statistics,

## RELEVANT EXPERIENCE

---

### DATA SCIENCE INTERN Duke University Department of Computer Science

(Durham, NC), Summer 2018

- Research under Dr. Jeffrey Forbes and Dr. Kristen Stephens-Martinez, Where I prepared a new Data Science course at Duke based on UC Berkley's DATA8. The new course acts as an introduction to the Discipline of Data Science
- Worked on a Retention Study, which consisted of an in-depth analysis of past Duke graduates to create a model of predicting a student's chance of retention and success in Computer Science at Duke
- Database design and population using SQLite3

### WEB DEVELOPMENT AND MACHINE LEARNING RA Duke University You Lab

(Durham, NC), 2018 - 2018

- Worked under Feilun Wu's lab, where I developed a web application for a Support Vector Machine classification algorithm
- Aided in the expansion of the algorithm, from modeling symbiosis in nature to modeling the supply and demand curve of products in the market
- Created a NoSQL database to store the users of the SVM algorithm
- Organized and worked on a translation of the algorithm from MATLAB to Python

### UNDERGRADUATE TEACHER ASSISTANT: Duke University Department of Statistics

(Durham, NC), 2017 – Present

- Teaching Assistant for STA 210: Regression Analysis / STA 199: Intro to Data Science / STA 101: Data Analysis and Statistical Inference
- Instruct a weekly lab section, where I assist students in learning statistical concepts, data analysis using the R software, and additional help on the course homework
- Hold dedicated office hours to assist students in coursework material and coding

### SUCCESS PARTICIPANT SEO Career

(New York, NY) 2019-Present

- Receive 50+ hours of individualized coaching and online instruction to achieve targeted professional developmental goals mainly around technical and soft skills training
- Mastery of fundamentals specific to Data Science in order to maximize the likelihood of a return offer at the end of the summer

## SKILLS & INTEREST

---

**PROGRAMMING & SOFTWARE:** R\*\*\*\*\*, JAVA\*\*\*\*\*, Python\*\*\*\*\*, JavaScript\*\*\*, C\*\*\*, Node.js\*\*\*, React.js\*\*\*, TensorFlow\*\*

**DATA ANALYSIS:** Through my coursework in my statistics and math classes, my experiences working with real data, and my proficiency in the programming languages R and Python, I have obtained a passion as well as valuable skills in the data science and machine learning fields

**WEB DEVELOPMENT:** Completed the Udemy Web Development Bootcamp course, and created a website for a machine learning lab to display their SVM algorithm

## CAMPUS & COMMUNITY INVOLVEMENT

---

**DUKE DATATHON:** Duke University - 4th place

(Durham, NC), 2018

**DIRECTOR OF OPERATIONS** Duke University Undergraduate Machine Learning

(Durham, NC) 2017 – 2018

**PEER PRECEPTOR:** David M. Rubenstein Scholarship, Duke University

(Durham, NC), 2017 – 2018

**MATH HELP ROOM TA FOR LINEAR ALGEBRA:** Duke University

(Durham, NC), 2017 – 2018