

# Robert Castaneda

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## EDUCATION

**Iowa State University**, Ames, IA

May 2022

Masters of Science, Statistics

Coursework in statistical modeling, methods and theory, high dimensional data, and design of experiments

**Texas A&M University**, College Station, TX

December 2019

Bachelor of Science, Statistics

Minors: Business Administration & Mathematics

Major GPA: 3.71/4.0

## SKILLS

- Proficient in R, Python, SAS, Excel, JMP
- Data collection, Data mining, Data analysis
- Regression analysis
- Data visualization
- Data modeling
- Process implementation
- Research design

## EXPERIENCE

**Iowa State University**, Ames, IA

Aug 2021- present

*Graduate Instructor*

- Full time instructor for an undergraduate statistics course
- Create lesson plan, lecture in class, write and grade all exams/homework

**Ernst & Young**, Houston, TX

Jun 2021 – Aug 2021

*Technology Consultant – Data Analytics Track*

- Worked with a large hospital system on querying data requests for practitioners
- Pulled patient experience data from large data warehouses
- Used R and SAS to run statistical analysis to find disparities in health care programs
- Used analysis to improve patient experience
- Presented to client a machine learning project classifying patient experience based on gender, race, and ethnicity

Aug 2020 – May 2021

**Iowa State University**, Ames, IA

*Teacher's Assistant for Statistics Department*

- Teach a weekly statistical course for students
- Prepare lessons, grade papers, and provide tutoring services for students

**Colorado Summer Institute In Biostatistics**, Denver, CO

Jun 2019 – Aug 2019

*Research Participant*

- Program focused on the field of biostatistics and frontiers of data science
- Worked on the clinical trial design of a new malaria drug
- Analyzed statistical data using both modern and traditional methods
- Performed statistical, qualitative and quantitative analysis (R software)

**Texas A&M University**, College Station, TX

*Collaborator*

Sep 2019 – Dec 2019

- Worked with Statistics PHD student on the code documentation
- Implementation for a new statistical package in the software program R

**Texas A&M University**, College Station, TX

January – April 2019

*Research Assistant*

- Worked in conjunction with the Texas A&M baseball team to analyze Doppler technology data to identify trends and make predictions to improve performance.
- Conducted meticulous research to identify information and answer multifaceted questions.
- Model building to help identify areas of improvement for players.

**Boxer Property Inc**, Houston, TX

June – August 2016

*Financial Analyst Intern*

- Analyzed financial documents and wrote up reports, significant Excel experience
- Worked with CFO and had financial analytics, supporting daily conferences
- Prepared for and assisted with account reviews; Maintained financial databases