

## Christopher Thomas

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### Education

Rice University, Houston, TX

Bachelor of Science in Mathematics

Minor: Computational & Applied Mathematics

GPA: 3.85/4.00

May 2018

Relevant Courses: Abstract Algebra 1, 2 & 3, Intro to Linear and Integer Programming, R for Data Science, Numerical Analysis, Data Science – Tools & Models

### Relevant Projects

**Chris.com Online Website**, Rice University, Houston, TX

July 2017 – Present

- Initiated individual project out of curiosity and desire to learn
- Created and hosted website from scratch using python and a Raspberry Pi

**Data Science Group Project**, Rice University, Houston, TX

November 2016 – December 2016

- Collaborated with a team of 3 to analyze a popular multiplayer video game
- Evaluated public datasets from Kaggle by reviewing previous data and modifying using R for project needs
- Identified early game events leading to high probability of success
- Devised ranking formula for the 100+ playable characters to show which characters are best suited for game

### Experience

**Data Science Internship**, Bazean Corp, Houston, TX

June 2017 – Present

- Collaborated with team of 4 to tackle problem of labeling a large amount of data with 5-10x cost reduction
- Experimented with using machine learning algorithms and crowdsourcing to solve problems
- Created automated scripts in python to assist multiple business processes and work with NoSQL database
- Worked with another team of 3 to implement custom HTML online questionnaire

**Research Internship**, Rice University, Houston, TX

May 2016 – December 2016

- Independently analyzed relevant research publications and technical papers to gain insight on current problem
- Collaborated with graduate students and faculty to write and submit paper for publication
- Constructed proofs to solve problem more effectively in comparison to previous methods

**Rice Club Baseball President**, Rice University, Houston, TX

April 2016 – Present

**Rice Club Baseball Webmaster & Socials Coordinator**, Rice University, Houston, TX

October 2015 – Present

- Corresponded with opposing teams to schedule games and fields
- Organized and supervised practices for a team of 20 students
- Planned a yearly budget of \$9,000 for the club baseball season

### Skills

Python, R, MATLAB, JavaScript, HTML, Microsoft Word, PowerPoint, and Excel

### Activities and Honors

Rice University President's Honor Roll, Spring 2015

Wiess College Associate Justice, Spring 2016

Putnam Math Competition, 2014-15

Intramural Sports

Mercersburg Academy Regents Scholarship, 2010-2014