

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

- Self-initiated individual project out of curiosity and desire to learn
- Created and hosted website from scratch using python web framework 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