

MATTHEW TROMBLEY

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EDUCATION

CLEMSON UNIVERSITY – CLEMSON, SC – MATHEMATICAL SCIENCES, B.S. (GPA- 3.81)

- Concentration in Operations Research & Management Science
- Minor in Engineering
- Member of the Calhoun Honors College
- Junior with expected graduation in May of 2018

EXPERIENCE

MARKETING INTERN – CLEMSON UNIVERSITY ATHLETICS

AUGUST 2016 – DECEMBER 2016

- Assisted with a variety of tasks to support sports marketing functions within Clemson Athletics including creating graphics, running game time promotions, and advertising games to the public & student body
- Led marketing & promotion efforts for IPTAY Day game for Clemson's nationally ranked men's soccer team

DATA ANALYST INTERN – EPIC GAMES

MAY 2016 – AUGUST 2016

- Worked with datasets containing billions of records to create insights supporting multiple business functions including game development and marketing
- Coded in Hive Query Language, an SQL variant built for Hadoop-based file systems, to analyze data
- Researched and derived a sabermetrics-style model to compare the effectiveness of in-game characters

MATH CONTENT SPECIALIST INTERN - WEBASSIGN

MAY 2015 – AUGUST 2015

- Converted traditional, text-based teaching materials (textbooks, tutorials, etc.) into digital content for use by hundreds of thousands of students worldwide
- Coded in a variety of programming languages including Perl and LaTeX while working with high-level mathematics

PREVIOUSLY – CASHIER, LOWES FOODS; ATHLETIC AIDE, HOLLY SPRINGS PARKS & RECREATION

SKILLS

- ❖ Programming- LaTeX, MATLAB, R, SAS, SQL, HQL
- ❖ Adobe Creative Suite- Premiere, After Effects, Photoshop
- ❖ Microsoft Office Suite

LEADERSHIP

- ❖ Creative Inquiry at Clemson to investigate the use of statistical methods with football data
 - Analyzing football game data by applying both statistical & machine learning methods to help increase performance of Clemson's National Champion football team
- ❖ Member of the Student Advisory Board for Clemson's athletic booster club IPTAY
 - Work with IPTAY staff to promote Collegiate Club and assist with events relating to athletics including Hall of Fame inductions, Solid Orange Friday, and sport-specific ceremonies
- ❖ Member of the American Statistical Association and Clemson's Student Alumni Association
- ❖ Creative Inquiry at Clemson to facilitate math competitions for local K-12 students
 - Gathered school data on 5 counties, proctored 6 competitions and analyzed competition results

ACTIVITIES

- ❖ Helped make & deliver meals to the homeless in Raleigh with Brown Bag Ministry
- ❖ Runner-up in Clemson's Homecoming Video Contest