KEVIN T. CHOU

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EDUCATION

Texas A&M University May 2018
Bachelor of Science in Applied Mathematics, Statistics Minor
Expected Graduation: May 2018

EXPERIENCE

Advanta Seeds June 2017 - August 2017
Statistics Intern

- Worked with a team of interns to use statistical analysis to select the cross-bred seeds from a pool of seeds with the best genomic DNA constructs
- Developed algorithms to effectively and efficiently process datasets with over 50,000 entries
- Created visualizations through ggplot of the company's seed production across differing countries for the global company conference

The Battalion September 2015 - Present
Sports Data Analyst, Photographer

- Developed predictive models that projected weekly win/loss percentages for the Texas A&M football team
- Scraped sports data from the web and constructed them into datasets
- Created plots, graphs, and visuals for sports stories on the news website
- Provided photo coverage for the Texas A&M University Student Media and Newspaper

RESEARCH

Texas A&M University Institute of Data Science April 2018
Winner of TAMIDS Data Science Competition

- Placed 1st among 50 teams in the 2018 Texas A&M University Institute of Data Science (TAMIDS) Data Science Competition
- Trained a random forest model on over 50 million Chicago taxi records from 2013-2016 that predicted Chicago taxi pickup density in 2017 within a factor of 1.3
- Visualized taxi pickup density by overlaying predicted pickups on a map of Chicago using Tableau
- Used an Autoregressive Integrated Moving Average (ARIMA) model to forecast median daily salaries of Chicago taxi drivers in 2017 with a 95% accuracy rate

Texas A&M University September 2017 - Present
Fake News Analytics

- Working with a team of 4 people and statistics professor on a project that uses data analytics to build models to classify web articles as fake news or not
- Scraped articles from the web to construct our dataset and extracted keywords/phrases
- Created a model that can classify any given web articles as fake news or not with an approximated 92% accuracy rate

SKILLS

Computer Languages	Proficient in R, Python, C++, SQL, Tableau, MATLAB, Microsoft Excel
	Fluent in Mandarin Chinese (Reading, writing, speaking)