Kunal Singh

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EDUCATION: **UNIVERSITY OF MICHIGAN SCHOOL OF INFORMATION**

Major in Data Analytics, **3.81** Major GPA, April 2020
Minor in Applied Statistics, April 2020

EXPERIENCE: **OAKLAND ATHLETICS** Oakland, CA

May – August 2019 *Baseball Analytics Intern*

•Worked directly under Asst. GM (Dan Kantrovitz) on multiple projects that sought to analyze and value major league and minor league players using both Python and SQL.
•Used ML topics such as K-Means Clustering, Multinomial Logistic Regression, and Random Forest Classifiers to analyze, re-classify, and uniquely evaluate pitchers based on the advanced characteristics of their pitches through Statcast/Trackman data.

June – August 2018 **E15 ANALYTICS GROUP** Chicago, IL

Business Analytics Intern

•Created a model in Python to forecast sales and purchasing habits of consumers at Wrigley field on a game-by-game basis. The model found the 5-most similar past events using Euclidean distance and generated 5+ Million dollars in revenue.
•Implemented that model into a Tableau dashboard that categorized and benchmarked important metrics to help operators plan for upcoming events using historical data.

2017- 2019 **SPORTS SCIENCE DATA ANALYST** Ann Arbor, MI

•Analyzed tracking data from the Michigan basketball team to aid athlete injury prevention, optimize training, and provide on-court improvements using Python.
•Developed models and efficiently sorted large scale data in hopes of helping trainers and coaches effectively manage their athlete's workloads.

June – August 2017 **INTERN AT BASEPAIR TECH** New York City, NY

Data Analyst, SEO Analyst, UX Designer

•Analyzed search engine and keyword data using Google Analytics and Python to try to further increase web traffic to Basepair's website and product.
•Redesigned aspects of Basepair's homepage and data upload process and created a full solutions page to enhance user satisfaction with the product.

LEADERSHIP: **MICHIGAN SPORTS ANALYTICS SOCIETY** Ann Arbor, MI

Head of Recruiting and Project Distribution

• Led recruiting events around school as well as reached out to companies and alumni seeking sponsorships, speakers, and potential internships for members.

SKILLS & INTERESTS:

•Advanced knowledge of Machine Learning techniques in Python
•Proficient in both R and SQL
•Beginner in computer vision and TensorFlow
•Avid golfer
•Contributed over 200 hours of community service during high school
•Television and movie nerd, love Game of Thrones even with a horrible 8th season