

Ian Krupkin

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EDUCATION

Pomona College, Claremont, CA May 2023
Bachelor of Arts: Statistics, Economics GPA: 3.95/4.00
Full-Year Thesis: "Prediction Error Estimation in Random Forests"
Honors: Posse Foundation Full-Tuition Leadership Scholarship, University Honors, Hispanic Scholarship Fund Scholar

PROFESSIONAL EXPERIENCE

Boston Consulting Group, Austin, TX June 2022 – July 2022
Growing Future Leaders (GFL) Summer Associate

- Created and refined a list of 16+ opportunities for client to enter adjacent markets as a part of new global strategy for a \$1B+ semiconductor and electronics company
- Completed 40+ expert interviews to evaluate opportunities based on segment attractiveness and strategic fit
- Performed capability assessment to identify client's differentiated capabilities, strengths, and rights to win

Growing Future Leaders (GFL) Summer Associate June 2021 - August 2021

- Evaluated the success of past Digital Product Builds (DGP), identifying areas of improvement for the future
- Created a Proof-of-Concept DGP website with proposals, prototypes, and trainings to be shared across the Industrial Goods practice and then have four full time employees staffed to its launch
- Conducted 15+ user feedback interviews with Managing Directors and Partners (MDP) and Partners to gauge feedback and usability of website

Pomona College Department of Mathematics, Claremont, CA June 2020 - August 2020
Undergraduate Researcher (Funded by Remote Alternative Independent Summer Experience Fellowship)

- Analyzed the relationship between NBA Development League statistics and success in the NBA
- Conducted literature searches at archives, examining 1000+ publications through multiple sources
- Contacted researchers and experts in professional basketball data analysis to obtain raw data and user feedback
- Performed data entry and data analysis on large samples of statistics of professional basketball players

SKILLS & INTERESTS

- **Programming:** R (ggplot2, dplyr, caret, tidyverse, stats, etc.), SQL
- **Machine Learning/Statistics:** Linear/Logistical/Ridge/Lasso Regression, KNN, CART, Random Forest, SVM, Gradient Descent, Clustering, Bias/Variance Tradeoff, A/B Testing, Hypothesis Testing
- **Business Intelligence:** Tableau, Power BI, Microsoft Office (Word, Excel, PowerPoint)
- **Language:** Spanish (Fluent), Italian (Working Proficiency)
- **Travelling:** Visited 25+ countries in 3 continents

ANALYTICAL PROJECTS

American Statistical Association (ASA) DataFest June 2021

- Ran data analysis and built a model using CART, logistics regression, and Random Forest for a dataset from a Poison & Drug Center for early identification of non-medical opioid misuse among students ages 18-24
- Received Judge's Choice Prize

Journey Through Data Science Blog (<https://journeythroughdatascience.netlify.app/>) June 2021 – August 2021

- Created educational blog (using R) to teach 50+ students about data science with entries exemplifying data analyses and tutorials for useful visualization packages

LEADERSHIP EXPERIENCE

Money Matters Week 2020, President September 2019 - June 2020

- Organized a two-week long series to raise awareness of the difference in socioeconomic class between students across the Claremont colleges
- Created and led four teams in the promotion and planning of six events such as keynote speakers, an open-mic, film screening, and community mindfulness workshop

Miami Beach SHS UNICEF Club, *Founder and President* August 2016 - May 2019

- Raised over \$15,000 in three years to provide resources and awareness for children in need in third world countries
- Planned and advertised an annual benefit concert and collected donations from local companies
- Led an organization of 80+ members and delegated tasks into five subcommittees