Benjamin Borovinsky

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EDUCATION

UNIVERSITY OF SOUTHERN CALIFORNIA
M.S. in Financial Engineering
May 2020 | GPA: 3.4 | Los Angeles, CA

UNIVERSITY OF SOUTHERN CALIFORNIA
B.S. in Mechanical Engineering
Minor in Sports Media Studies
May 2019 | GPA: 3.4 | Los Angeles, CA

LANGUAGES

Python · SQL · R · MATLAB · LaTeX · HTML · CSS · C++

SKILLS

MS Word · MS Excel · MS Access · MS PowerPoint · MS Power BI · Adobe Illustrator · 3D Modeling · DB Modeling · DB Normalization

EXTRACURRICULAR

SOCIETY FOR AMERICAN BASEBALL RESEARCH
Member
Oct 2019 – present

KIUEL PROGRAMMING COMMITTEE
Treasurer
VP of Community Outreach
Apr 2017 – May 2019

SIGMA ALPHA MU
Scholarship Chair
Intrafraternity Council
Jan 2017 – May 2019

ULTIMATE FRISBEE
Team Member
Sep 2015 – May 2017

INTERESTS

Running • College Sports • Fantasy Sports
MLB • NBA • Scoring Baseball

WORK EXPERIENCE

IMPAC MORTGAGE CORP. | Capital Markets Analyst
Sep 2020 – present | Irvine, CA
- Develop competitive pricing analysis reports with Python web-scraping methods
- Modernize and automate tasks by converting into scripts supported with version control
- Assess pipeline health and present visualizations with Power BI
- Optimize data acquisition for internal reporting using SQL

USC FOOTBALL | Player Personnel Intern & Analytics Specialist
May 2019 – July 2020 | Los Angeles, CA
- Performed data collection and normalization with information from official sources on football recruits
- Analyzed resulting recruit data and build reports for coaches with recruiting operations

USC SPORTS INFORMATION OFFICE | Student Intern
Aug 2016 – May 2020 | Los Angeles, CA
- Completed statistics at Men's Basketball games and Women's Beach Volleyball matches
- Provided data assistance for Football, Women's Soccer, Baseball, and all other USC sports

SECOND SPECTRUM | Sports Data Operator
Sep 2018 – Dec 2018 | Los Angeles, CA
- Provided advanced data analytics for NBA teams
- Parsed data to assist analysts using computer vision and machine learning techniques
- Applied new approaches and improvements to data tracking science for object detection

LENDERLIVE | Secondary Marketing Intern
June 2018 – Aug 2018 | Aliso Viejo, CA
- Priced and purchased loans from financial institutions to package for investors
- Investigated opportunities via data analytics to optimize loan pullthrough

OLIVER WYMAN | Actuarial Consulting Intern
June 2017 – Aug 2017 | Los Angeles, CA
- Estimated unpaid insurance claims using techniques per the Casualty Actuarial Society
- Performed technical reviews on client reports for accuracy and consistency
- Imported client data into Microsoft Access to create and interpret diagnostic triangles

DAILY TROJAN | Copy Editor
Aug 2016 – May 2017 | Los Angeles, CA
- Checked and reviewed college newspaper stories for facts and grammar

MONSTER ENERGY COMPANY |
New Product Development / Corporate Quality Assurance Intern
May 2016 – Aug 2016 | Corona, CA
- Used statistical analysis to determine the most appropriate co-packer for a product
- Provided mathematical insight to corporate executives regarding product compositions

LIFE EXPERIENCE

Organized and Optimized my 10,000+ Baseball Card Collection	2021
Conducted Master's Research on MLB Player Value	2020
Attended the MIT Sloan Sports Analytics Conference	2020
Created a Football Recruiting Scraping Algorithm "worth $1 Million"	2020
Developed Analytics for my Blog on *The Bachelor* and *The Bachelorette*	2019-2021
Witnessed the Boston Red Sox Win the World Series in Person	2018
Created a College Football Quarterback Statistic	2018
Built Personal Desktop Computer Running Intel Xeon Processor	2018
Witnessed USC Defeat Penn State at the Rose Bowl in Person	2017
Ran a Personal Best in the 3-Mile (17:19)	2012
Met Vin Scully in the Press Box at Dodger Stadium	2010
Completed Two Los Angeles Marathons	2009, 2010

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