Benjamin Borovinsky

borovinsky.com | bmborovinsky@gmail.com | (949) 637-1089

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 | LaTeX
MATLAB | HTML | CSS
VBA | C++

SKILLS

MS Excel | MS PowerPoint
MS Access | MS Power BI
3D 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

DAILY TROJAN
COPY EDITOR
Aug 2016 – May 2017

ULTIMATE FRISBEE
TEAM MEMBER
Sep 2015 – May 2017

INTERESTS

MLB • College Football • Fantasy Sports
Scoring Baseball • Running & Lifting

WORK EXPERIENCE

SG CAPITAL PARTNERS | CAPITAL MARKETS ASSOCIATE
Aug 2022 – present | Stamford, CT
- Create and maintain scripts for residential Non-QM analytics using object-oriented programming and recursive algorithms
- Monitor loan trade performance using servicing remittance data with Python
- Compare pricing against competitors across multiple scenarios
- Prepare monthly profit-and-loss estimates of residential trading volume
- Distribute monthly commentary on Home Price Appreciation to 1,000+ industry recipients
- Collaborate with technology team to update reports and optimize asset management

IMPAC MORTGAGE CORP. | CAPITAL MARKETS ANALYST
Sep 2020 – Aug 2022 | Irvine, CA
- Developed competitive pricing analysis reports with Python web-scraping methods
- Assessed pipeline health and presented visualizations with Power BI
- Optimized 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 on football recruits using Python and R
- 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

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

MONSTER ENERGY COMPANY |
NEW PRODUCT DEVELOPMENT / CORPORATE QUALITY ASSURANCE INTERN
May 2016 – Aug 2016 | Corona, CA

LIFE EXPERIENCE

Organized and Optimized my 10,000+ Baseball Card Collection	2021
Automated Lego Stock Inventory Checking Using R	2021
Analyzed Relationships Across Star Wars Songs Using Spotify API	2020
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