

Benjamin Borovinsky



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SKILLS

- Microsoft Office
 - Word
 - Excel
 - PowerPoint
 - Access
- MATLAB
- C++
- SQL
 - Database Modeling
 - Normalization
- Python
- HTML
- CSS
- LabVIEW
- SolidWorks
- Siemens NX
- Adobe Products
 - Illustrator
 - InDesign
 - Acrobat

INTERESTS

- Running
- Fantasy Football
- College Football
- College Basketball
- NBA
- MLB
- Scoring Baseball Games
- Ultimate Frisbee
- Skateboarding



EDUCATION

University of Southern California, Los Angeles, CA

Financial Engineering, *Master of Science*

Mechanical Engineering (Computational Track), *Bachelor of Science*

Sports Media Studies, *Minor*

GPA 3.4

Grad: May 2020

Grad: May 2019



WORK EXPERIENCE

USC Sports Information Office, Los Angeles, CA

Aug 2016 - present

Undergraduate Student Intern

- Complete statistics at Men's Basketball games and Women's Beach Volleyball matches
- Provide data assistance for all other USC sports
- Write athlete features and biographies for programs and website

Second Spectrum, Los Angeles, CA

Sep 2018 - Dec 2018

Sports Data Operator

- Provided advanced data analytics for NBA teams
- Assisted in player and ball detection software backed by machine learning
- Applied new approaches and improvements to data tracking science

LenderLive, Aliso Viejo, CA

Jun 2018 - Aug 2018

Secondary Marketing Intern

- Priced and purchased loans from financial institutions to package for investors
- Created and maintained a database of company-wide loan assets
- Investigated opportunities via data analytics to optimize loan pullthrough

Oliver Wyman, Los Angeles, CA

Jun 2017 - Aug 2017

Actuarial Consulting Intern

- Estimated unpaid insurance claims with techniques outlined by 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, Los Angeles, CA

Aug 2016 - May 2017

Copy Editor

- Checked and reviewed college newspaper stories for facts and grammar

Monster Energy Company, Corona, CA

May 2016 - Aug 2016

New Product Development | Corporate Quality Assurance Intern

- Used statistical analysis to determine the most appropriate co-packer for a product
- Provided mathematical insight to corporate executives regarding product compositions
- Analyzed consumer complaints to identify issues prior to reaching critical state



EXTRACURRICULAR ACTIVITIES

KIUEL Programming Committee

Aug 2017 - present

Treasurer, VP of Community Outreach

- Manage the budget for the school-year's events
- Plan activities for annual Engineers Week events

Sigma Alpha Mu (ΣAM), Social Fraternity

Aug 2017 - May 2018

Scholarship Chair

- Provide information to members on educational and scholarship materials
- Maintain highest GPA amongst social fraternities at USC

Interfraternity Council (IFC)

Jan 2018 - Dec 2018

Director of Analytics

- Gather and organize data and information regarding social fraternities
- Compute statistical analyses to support decisions made by IFC and the university



LIFE EXPERIENCES

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

Participated in CalHacks

2016

Ran a Personal Best in the 3-Mile (17:09)

2012

Met Vin Scully in the Press Box at Dodger Stadium

2010

Pitched 6 Innings in a Little League Game

2010

Completed two Los Angeles Marathons

2009, 2010