

Duncan Barcelona

dbarcelona@berkeley.edu | (516) 857-5068 | linkedin.com/in/duncan-barcelona/

EDUCATION

University of California, Berkeley | Walter A. Haas School of Business

B.S. Industrial Engineering & Operations Research | B.S. Business Administration | Data Science Minor

Graduation: May 2023

ACT: 36 | **GPA:** 3.90

Coursework: Stochastic Processes, Quality Control & Forecasting, Decision Analytics, Financial Accounting, Managerial Accounting, Linear Programming & Network Flows, Data & Decisions, 3D Modeling, Probability & Risk Analysis, Leading People, Intro to Economics

PROFESSIONAL EXPERIENCE

The Clorox Company

Incoming Product Supply Quality Assurance Intern

Kennesaw, GA

Starting June 2021

Sharebite

Operations Intern

New York, NY

June 2020 – Aug. 2020

- Crafted several proposals based on data of 250+ restaurants to ensure smooth client onboarding for national expansion initiative
- Created informational content for implementation in a knowledge management system for company-wide training and onboarding
- Performed QA testing for product features before launch while engaging in the product development process with the Product Manager
- Expanded the potential client base by 150+ corporate partners through LinkedIn and ZoomInfo sourcing and email campaigns

Voyager Consulting

Contract Consultant – Viacom CBS (Pluto.TV)

Berkeley, CA

Sep. 2020 – Dec. 2020

- Extracted 2 years of productivity and communication data through Jupyter Notebooks utilizing Python APIs for GitHub, Jira, Slack
- Conducted exploratory data analysis and regression analysis to identify relationships between metrics and Scrum team efficiency
- Built Tableau dashboards to visualize metric correlations and presented findings during weekly calls with company executives

Contract Consultant – Take-Two Interactive (2K Games)

Feb. 2020 – May 2020

- Evaluated 2K's position in the gaming, entertainment, and tech industry to understand the competitive landscape for recruiting talent
- Analyzed data for 350 employees using Excel to recognize relationships between employee backgrounds, performance, and retention
- Sourced 5 expert interviews with HR professionals regarding talent acquisition strategies to help 2K develop an internship program

Walter A. Haas School of Business

Course Reader – UGBA 147: Advanced Business Analytics

Berkeley, CA

May 2020 – July 2020

- Dedicated 10 hours a week to grading homework, labs, and projects on predictive data analytic methods and decision modeling in R
- Aided 64 students with coursework by providing detailed feedback to promote growth while balancing an internship and 2 online classes

LEADERSHIP EXPERIENCE

Institute of Industrial and Systems Engineers (IISE)

Vice President of Finance

Berkeley, CA

Apr. 2020 – Present

- Led a team of 4 associates while managing a budget of over \$10,000 and handling reimbursement payments for 30 IISE members
- Introduced a Six Sigma Green Belt certification program for the UC Berkeley student body and managed registration for 20 students
- Organized an outreach campaign introducing high school students to industrial engineering by producing a video and a presentation

Public Relations Project Manager

Sep. 2019 – Apr. 2020

- Developed a monthly “Lunch with Faculty” program to strengthen the relationship between undergraduate students and professors
- Arranged a tour of innovative technologies at Tesla's Fremont Factory for 24 undergraduates to increase students' exposure to industry

Voyager Consulting

Recruitment Manager

Berkeley, CA

May 2020 – Dec. 2020

- Interviewed 6 D&I advocates to understand how companies approach recruitment and improve Voyager's own screening process
- Coordinated logistics of 100+ hours of virtual events resulting in over 350 applicants during the first ever virtual recruitment cycle
- Developed and executed social media marketing and design initiatives such as flyers and videos to increase organizational awareness

Big Data at Berkeley

Bootcamp Instructor

Berkeley, CA

Sep. 2020 – Present

- Taught 1.5-hour bootcamp sessions regarding data science concepts such as simulation and classification to 40 high school students
- Designed lesson slides and interactive activities using Python and Jupyter Notebook to promote engagement in a virtual classroom

ADDITIONAL INFORMATION

Skills: Adobe Photoshop, Excel (Macros, PivotTables, VBA), MATLAB, Python, Six Sigma Green Belt, SolidWorks, SQL, Tableau

Activities: Haas Business School Association – *DEI Committee Associate*, Alpha Pi Mu (Industrial Engineering Honor Society) – *Member*

Interests: AJR, Bass Guitar, *Binging with Babish*, Broadway Musicals, *The Good Place*, J. Kenji Lopez-Alt, San Antonio Spurs, Soo Bahk Do