

Raveena Patel

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Incoming Data Science Analyst at JPMorgan Chase looking for meaningful summer employment.

Education

University of Pennsylvania, Bachelor of Arts

August 2017 – May 2020

- Major in *Psychology* and Minor in *Cognitive Science*, GPA: 3.76

Employment

JPMorgan Chase Incoming Data Science Analyst

Beginning September 2019

Penn Resilience Program Intern

June 2019 - Present

- Consulting with nonprofit client on independent project to identify key areas of improvement, such as attracting and retaining employees, then analyze research to develop and deliver a personalized resilience training program
- Solve client business issues by reviewing cutting-edge literature to inform adaptation of current research to their employee needs
- Manage social media posts for the entire Positive Psychology Center through aggregation of latest relevant research

Penn Medicine Center for Psychotherapy Research Research Assistant

January 2018 - Present

- Experience in survey design, IRB approval, patient recruitment, and data collection, entry, and management
- Coded an electronic version of the Structured Clinical Interview for DSM-5 to significantly reduce costs through paper use

CollegeVine Applications Consultant

June 2017 - August 2019

- Guided ten clients per cycle (June - March) through the college admissions process, including by recommending schools and programs, analyzing client strengths to suggest the best essay narratives, and managing client workload throughout the process
- Suggested new method of displaying client work to decrease anxiety and increase motivation, which company implemented

Campus Involvement

Internal Affairs Association - Academic Affairs Chief of Staff

September 2018 - Present

- Brainstorm and implement bonding activities to boost member engagement and motivation
- Manage annual \$2,000 discretionary budget in conjunction with the \$10,000 branch budget
- Design interview questions to recruit around eight new members for our branch from an applicant pool of over 100

Zeta Tau Alpha - Internal Social Committee Member

January 2018 - August 2019

- Planned events for 200 people, negotiating with venues, photographers, and DJs to manage budget of over \$10,000

Additional Independent Projects and Technical Skills

“Recommendations for Increasing Dissemination of Smartphone Apps for Depression and Anxiety”

August 2019 - Present

- Studying design features that allow popular MHApps to attract and retain consumers to inform success of new apps
- Using machine learning for feature selection and regression to make predictions regarding app popularity
- Will submit three papers for publication as part of this independent research project

Global Youth Conference on the Treaty on the Prohibition of Nuclear Weapons, Auckland

December 2018

- Selected to attend this international conference, which occurred concurrently with and in proximity to the Pacific Conference, on the basis of my semester-long research project regarding framing effects on perception of nuclear disarmament
- Presented research to ambassadors from Pacific nations in support of disarmament and witnessed implications of my work

“Disruption of the Bonds in the Carboxylate Anion due to Heavy Atom Bonding”

August - December 2017

- Conducted an individual and extensive literature search and 2500 word review to find a novel area for research - the effects of bonding heavy atoms during molecular replacement on the protein being studied
- Utilized GAMESS modeling software to simulate bonding and analyze its effects

Computer Skills

- Comprehensive project-based experience in Java and Python
- Data analysis and visualization experience in MATLAB, R, and SPSS
- Proficient in REDCap and Qualtrics survey and measure design, including skipping logic and data entry and extraction

Volunteer Work

Crisis Text Line Volunteer

May 2018 - Present

- Work with texters to reduce anxiety and anger, using techniques such as validation, active listening, and creating a plan

University of Florida Infectious Disease Pharmacokinetics Laboratory Research Assistant

May 2018 - August 2018

- Created drug assays and analyzed data through Excel, working extensively with liquid chromatography–mass spectrometry

Project HEAL’s Communities of Healing Group Therapy Facilitator

August 2017 - May 2018

- Prepared and implemented group therapy programs to assist those recovering from eating disorders