

# asad sheikh

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## EDUCATION

### Carnegie Mellon University

Bachelor of Science in Statistics and Machine Learning

Additional Major in Human-Computer Interaction

August 2018 - May 2022

Notable Classes: Interactive Data Science, Introduction to Machine Learning, Applied Machine Learning, Principles of Imperative Computation, Modern Regression, Statistical Inference, Probability Theory

## PROFESSIONAL EXPERIENCE

### User Experience Analyst Intern @ Jack Henry & Associates

May 2020 - August 2020

- Utilized Natural Language Processing to automate data mapping process for product data.
- Implemented Google Maps API to automate geocoding and validation of 60,000 rows of address data.
- Employed Python and BeautifulSoup to capture all text and dropdown fields of internal search pages.

### Division Lead Teaching Assistant @ Carnegie Mellon SCS

August 2019 - Present

- Managed student and peer tutoring efforts, student wellness efforts, and data-driven tracker to monitor struggling students for 400+ students.
- Mentored 10+ students each semester to create term projects demonstrating mastery of Python.
- Taught weekly recitations to 30+ students, graded assessments, and provided individualized feedback.

### Data Analyst @ Students Using Data for Social Good

October 2019 - May 2020

- Visualized changes in monthly income of low-income families through involvement with the Family Independence Initiative.
- Wrote Python and R scripts to create visualizations and clean data.

### Management Consulting Intern @ AustinCSI

May 2019 - August 2020

- Designed customer-facing virtual assistant (chatbot) and conversational user interface capturing best aspects of customer interaction with the brand.
- Observed client work in Adobe Analytics and PowerBI.
- Researched, developed, and delivered business development case study for 3 Fortune 50 companies.

## LEADERSHIP EXPERIENCE

### Assistant to the Chair and Head of Marketing Spring Carnival Committee

May 2019 - Present

- Oversaw all planning and preparation for annual Spring Carnival in accordance with \$106,000 budget.
- Managed all social media posts for Carnegie Mellon's largest student-run event.
- Used social media analytics to increase follow count and engagement by 71%.

### Content Facilitator Camp Mosaic

February 2020 - August 2020

- Developed 6 days of mental health and wellbeing content for 1<sup>st</sup>-8<sup>th</sup> graders as well as content on relating Machine Learning and Art.
- Trained and mentored 40 counselors and staff members.
- Created automated sign up tool to create mass registrations of participants, reducing time needed by 90%.

## SKILLS

Python  
R  
C  
SQL  
MATLAB

SPSS Statistics  
HTML  
CSS  
JavaScript  
Storyboarding

Wireframing/Prototyping  
Information Architecture  
Interaction Design  
Figma  
Microsoft Office