

ASAD SHEIKH

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EDUCATION

Carnegie Mellon University, Pittsburgh, PA, August 2018 – May 2022 (expected), GPA: 3.86/4.00

- Bachelor of Science, Statistics and Machine Learning, additional major in Human-Computer Interaction
 - Quantitative Social Science Scholar

Relevant Coursework:

- Introduction to Statistical Inference, Statistical Computing (R and SQL), Introduction to Probability Theory, Fundamentals of Programming (Python), Principles of Imperative Computation (C), Interaction Design Studio

Honors and Awards:

- Dean's List, High Honors, Fall 2019, Spring 2019
- 3rd Place, Disney and Adobe University Creative Challenge, October 2019
- Eagle Scout, BSA Troop 758, 2016

EXPERIENCE

Data Project Team Member, CMU Students Using Data for Social Good **Sep 2019 – Present**

- Worked with the Family Independence Initiative to analyze and visualize income level changes in low-income households over two years
- Performed analysis to determine significant social and financial factors that impact a family's change in income

Teaching Assistant, Fundamentals of Programming and Computer Science (15-112) **Aug 2019 – Present**

- Led weekly recitation and small group sessions to facilitate student learning
- Graded and distributed feedback on a weekly basis

Head of Marketing, Spring Carnival Committee **May 2019 – Present**

- Managed all social media marketing for Carnegie Mellon's largest student-run event
- Developed new ideas to create an app to market to attendees outside of the local community

Research Assistant, Auditory Lab **Jan 2019 – Nov 2019**

- Worked with Dr. Laurie Heller with the Language Technologies Institute to use machine learning methods to classify sound events based on semantic groupings and acoustic analysis
- Designed and ran an experiment, using tools in MATLAB, R, and SPSS Statistics to analyze data

Research Assistant, Human-Computer Interaction Institute **Jan 2019 – Sep 2019**

- Worked with Dr. Paulo Carvalho to analyze students' learning data and creating regression models using R to fit and analyze data that best represented learning curves.
- Analyzed accuracy of different learning curve models in LearnSphere and R.

Management Consulting Intern, AustinCSI, Plano, TX **Jun 2019 – Aug 2019**

- Created persona for virtual assistant (chatbot) capturing best aspects of the ways customers interact with the brand including in-person, FAQs, and online customer help as well as digital appearance
- Observed client work in dashboarding with PowerBI and Adobe Analytics as well as development of dashboarding APIs
- Researched, developed and delivered business development plan case study for Fortune 50 companies

VOLUNTEER EXPERIENCE

General Educational Development (GED) Instructor, Central US Quality of Life Initiative **May 2019 - Present**

College Application Advisor, Aga Khan Education Board **Sep 2018 – Present**

Volunteer, Partners Allied in Civic Engagement (PACE) **Aug 2018 – Present**

Group and Activity Counselor, "Camp Mosaic" **Summer 2017 - 2018**

SKILLS AND INTERESTS

- Python, R, SQL, MATLAB, SPSS Statistics, HTML, CSS, JavaScript, C, Storyboarding, Wireframing, Journey Mapping, Prototyping, Interface Design, Microsoft Office
- Volunteering, Mentoring, Baking, Music