ISHA MEHRA

✉ imehra@cmu.edu   ☏ 781.698.7464   📍 Lexington, MA

EDUCATION

CARNEGIE MELLON
Statistics and Machine Learning
Expected May 2018 | Pittsburgh, PA
Bachelor of Science | 3.18/4.00

SKILLS

Programming
Python (Pandas, Tkintr) • R • C • SQL
Tools
Tableau • AS3/Redshift • SharePoint
• Jira • Excel • Minitab • LaTeX
Languages
Hindi (fluent) • Spanish (proficient)

PROJECTS

TARTAN DATA SCIENCE CUP
Spring 2016
Performed data analysis using R to
determine where to implement stations
for Citi Bike NYC based on 20,000 trips

JOHNSON & JOHNSON IT CASE COMPETITION | First Place
Fall 2015
Worked in a team of five to propose a
technical solution, implementation plan,
and cost analysis for social listening

QUADRATIC SOLVER
Spring 2015
Fully functional Python project in Tkintr
that intakes a typed formula and displays a
step-by-step solution guide with a graph

ACTIVITIES

Extracurriculars
Kappa Alpha Theta Service Director
CMU Day of Service Site Leader
Interests
Teaching • White-Water Rafting •
Film • Poker Strategies • Singing

EXPERIENCE

JOHNSON & JOHNSON | Digital Health and Analytics Intern
Summer 2016 | New Brunswick, NJ
- Engineered a full-stacked project, from idea to implementation, that manipulated JSON files stored in AWS using the Pandas python library and modeling it in Tableau; aimed to track mental health improvement
- Managed development of product for diabetes patients tool as focal point in efforts with global software development, analytics, and brand teams
- Directed a series of Google Sprints to standardize the Data Tagging and Ontology design process for upcoming internal web applications

SCHOOL OF COMPUTER SCIENCE (15-112) | Teaching Assistant
Spring 2016 | Pittsburgh, PA
- Taught and introduced Fundamentals of Programming and Computer Science in Python with a focus on efficiency analysis and data structures
- Mentored 20 students to help them design and code a 3-week project and understand multiple python libraries
- Led 150-student lectures, recitations, and personal office hours weekly

LIMELIGHT NETWORKS | Software Engineering Intern
Summer 2015 | Burlington, MA
- Collected and modeled data to meaningfully summarize server utilization for all regions in order to assist C-level executives identify and target global needs
- Audited team's database of 30,000 servers by working cross-functionally with over 30 team owners using python libraries to organize collected information

LEADERSHIP

PRESIDENT | Bhangra in the Burgh
Fall 2014 – Present | Pittsburgh, PA
- Directed the executive board for the largest student run event in Pittsburgh: $30k sponsored, 2300 attendees, annual donation of $15k to scholarships
- Managed over 15 technical, marketing and operations teams within board, including creating a Facebook Messenger Bot to assist 80 staff members

DIRECTOR | Five Fields Summer Fun
Summer 2012 - Summer 2015 | Lexington, MA
- Founded a summer camp for 20 neighborhood kids; conducted marketing and hired staff, planned varied activities, taught certified swim lessons

FOUNDER | Count to Freedom
Fall 2010 - Summer 2014 | Lexington, MA
- Founded a certified non-profit organization dedicated to providing free education to the children of the Mayank Educational Institute in Agra, India