

ISHA MEHRA

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EDUCATION

Carnegie Mellon University
Bachelor of Science in Statistics and Machine Learning 2018
Minor in Computer Science

EMPLOYMENT

Johnson & Johnson
Digital Health and Analytics Intern · May 16 to Aug 16 · New Brunswick, NJ
- Led development of OneTouch patient engagement tool, managed offshore team, collaborated with business teams to align on deliverables and priorities of brand team.
- Demonstrated proficiency in Agile methodologies by leading a series of Google Sprints to jumpstart new Health and Wellness projects.

Fundamentals of Programming and Computer Science (15-112)
Teaching Assistant at Carnegie Mellon University · Jan 16 to Current · Pittsburgh, PA
- Teach core programming in Python, covering a wide range of topics emphasizing efficiency analysis, object-oriented programming, and recursion.
- Lead recitations and review sessions, hold office hours, mentor a 3 week term project.

Limelight Networks
Software Engineering Intern · May 15 to Aug 15
- Created network usage artifacts that depicted the bandwidth, server and Egress capacities for all regions; artifacts used by C-level executives to identify overworked servers and determine global capacity needs.
- Audited the company's online database with 30,000 Device Class servers; developed my own strategies to work cross functionally with over 30 team owners and used PycURL to organize collected information.

LEADERSHIP

Director/Counselor of Five Fields Summer Fun · Jun 12 to Aug 15
Founded a summer camp for up to 20 neighborhood kids; conducted marketing and hired staff, planned varied activities, taught certified swim lessons.

Founder of Count to Freedom · Jan 12 to Aug 14
Founded and registered a non-profit organization dedicated to providing free education to the children of the Mayank Educational Institute in Agra, India.

President of Bhangra in the Burgh · Sep 14 to Current
Led the executive board for the largest student-run event in Pittsburgh: a dance competition bringing together global teams and raising over 25k for local charity.

PROJECTS

Johnson & Johnson IT Case Competition | First Place
Fall 16
Worked in a team of five to propose a complete technical solution, implementation plan, and financial analysis for improved social listening and social trend exploration at Johnson and Johnson. Proposed and designed the proof of concept for a software implementation that utilizes graph theory and cloud analytics.

Tartan Data Science Cup
Spring 16
Performed data analysis using R to decide where to implement stations for Citi Bike NYC based on a real dataset of 20,000 trips.

Quadratic Solver
Spring 15
Fully functional Python project in Tkinter that intakes a typed formula and displays a step-by-step solution guide with a graph.

SKILLS

Python, Data Analysis, Project Management, Management, Leadership, Microsoft Office, Public Speaking, Nonprofits, Microsoft Excel, Business Analysis, Research, Marketing, PowerPoint, Microsoft Word, Program Management, C, Social Media, Video Production, Childcare, Java