ISHA MEHRA

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EDUCATION

CARNEGIE MELLON
STATISTICS AND MACHINE LEARNING
Expected May 2018 | Pittsburgh, PA
Dietrich College of Humanities
School of Computer Science
GPA 3.18/4.00

SKILLS

PROGRAMMING
Python (Pandas, Tkintr) • R • C • SQL
TOOLS
Tableu • AS3/Redshift • SharePoint •
Jira • Excel • Minitab
LANGUAGES
Spanish (proficient) • Hindi (fluent)

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
1000plus Day of Service Site Leader
Emerging Leaders Mentor
Kappa Alpha Theta Service Director
INTERESTS
Teaching • White-Water Rafting •
Film • Poker Strategies • Singing

EXPERIENCE

JOHNSON & JOHNSON | DIGITAL HEALTH AND ANALYTICS INTERN
May 2016 – August 2016 | New Brunswick, NJ
- Designed and executed a fully-stacked project to track mental health improvement from an existing iOS app with backend in AWS, extracting JSON files, using MySQL to manipulate the data in Pandas and model it in Tableu
- Led development, designed use cases for and tested the OneTouch patient engagement tool; managed offshore team, served as focal point for all development of this application
- Directed a series of Google Sprints to jumpstart new Health and Wellness projects and demonstrate agile methodlogies

FUNDAMENTALS OF PROGRAMMING AND COMPUTER SCIENCE | TEACHING ASSISTANT
January 2016 – August 2016 | Pittsburgh, PA
- Taught fundamentals of Computer Science in Python with a focus on object-oriented programming, efficiency analysis, and data structures.
- Mentored 20 students to help them design a 3-week project, code it from scratch, and understand libraries such as Scikit-Learn and PyKinect2.

LIMELIGHT NETWORKS | SOFTWARE ENGINEERING INTERN
May 2015 – August 2016 | Burlington, MA
- 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; worked cross-functionally with over 30 team owners and used PycURL and OpenPyXL to organize collected information

LEADERSHIP

PRESIDENT | BHANGRA IN THE BURGH
September 2014 – Present | Pittsburgh, PA
- Led the executive board for the largest student-run event in Pittsburgh attended by 2,300 annually. Managed technical, marketing, and other event-related projects for 15 student teams.
- Raised 30K through sponsorship for local charities and created a Facebook Messenger Bot to manage staff using api.ai

FOUNDER | COUNT TO FREEDOM
January 2010 - August 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

DIRECTOR | FIVE FIELDS SUMMER FUN | LEXINGTON, MA
June 2012 - August 2015
- Founded a summer camp for up to 20 neighborhood kids; conducted marketing and hired staff, planned varied activities, taught certified swim lessons