NILA BANERJEE

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EDUCATION

B.S. in Human-Computer Interaction & Cognitive Neuroscience, Minor in Decision Science
Carnegie Mellon University (Pittsburgh, PA)   *August 2014 – May 2018*
GPA: 3.62/4.0   Dean's List since freshman year
Completed Courses: Principles of Computing | Experimental Statistics | Statistical Reasoning & Practice | Cognitive Psychology | Decision Analysis & Decision Support Systems | Programming Usable Interfaces* | Interaction Design Studio I*
Currently Enrolled In: User-Centered Research & Evaluation* | Interaction Design Studio II*
*Masters level courses

The Harker Upper School (San Jose, CA)   *August 2010 – May 2014*

Coursera: Machine Learning Foundations: A Case Study Approach
EdX: Scalable Machine Learning, Introduction to Big Data with Apache Spark

SKILLS

Tools: Sketch, Proto.io, Adobe InDesign/Photoshop/Illustrator, Balsamiq, InVision, Keynote, WordPress
Programming: Python, JavaScript, HTML, CSS
Machine Learning: iPython Notebooks, Scikit-Learn, Apache Spark, Pandas
Analysis: SPSS proficiency; knowledge of statistical methods, experimental design, & decision-based financial analysis
Languages: English, French, Bengali, and Hindi
Communications: Journalistic, scientific, and academic-style writing

EXPERIENCE

Research Assistant
CMU Human-Computer Interaction Lab   *January 2016 – June 2016*
Helped prototype and test an online stenographic keyboard to improve typing efficiency, designed wireframes & user interfaces for stenography teaching modules, contributed to coding a program to translate stenographic input to English output, assisted in formulating and running experimental studies and data analysis.

Sponsorship Chair
Bhangra in the Burgh 9   *March 2015 – December 2015*
Raised over $30,000 for Pittsburgh's largest student-run event by selling marketing packages to corporate and campus sponsors to cover all operating costs and gained experience in marketing, sales, business, and event management techniques.

Shadower of a Silicon Valley start-up; helped create icons and wireframes, assisted in and took notes at user tests, and observed meetings
Captain and Designer of CMU Jiya Fusion Dance Troupe; led practices, choreographed routines, organized team members and events, and created all promotional materials
Editor and Reporter for student journalism publications
Report Reviewer and Tutor for Neuroscience Student Advisory Council
Past Projects: Stenographic dictionary analyzer in Python, Design of responsive websites and mobile applications using Adobe Illustrator & Sketch, Promotional materials for student organizations using Sketch