



NILA BANERJEE

nilabanerjee.github.io | nilanjab@andrew.cmu.edu | www.linkedin.com/in/nilabanerjee17



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.

Captain and Designer of CMU Jiya Fusion Dance Troupe

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