

ISHA MARKNA

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WORK EXPERIENCE

BOSTON CONSULTING GROUP DIGITAL VENTURES, Manhattan Beach

March 2016 – March 2018

Research & Development Intern

- Conducted in-depth research & data analysis of healthcare markets regarding value of emotion in user experience
- Defined project scope and narrowed focus onto the acoustic branch of emotion recognition
- Proposed recommendations to leadership on techniques to optimize accuracy of emotion recognition model
- Designed wireframes for a health-specific application concentrating on user-centered approach to online therapy
- Hired and managed 50+ voice-over artists to source 10,000+ audio files for testing and training environments
- Assembled, trained and supervised a team of 6 to accurately classify data for Artificial Intelligence modules
- Compiled research findings and project initiatives for demo presentations to prospective fortune 500 clients

OFFICE OF DOCTORAL STUDIES, Teachers College, Columbia University

Sep 2016 – Sep 2017

Office Assistant

- Tracked progress of doctoral students for missing requirements on the Operational Data Storage System – Banner
- Supervised Ph.D. examinations & managed information retrieval for students or doctoral staff
- Facilitated transitioning into paper-less filing system by creating computer backups of graduates

LANGUAGE PRODUCTION LABORATORY, Lehigh University

Jan 2014 – Dec 2015

Research Assistant

- Conceptualized, designed & administered the Phonological Activation Experiment
- Transcribed experimental audio recordings in Adobe Audition to evaluate research findings
- Delivered research summary reports for submission to granting foundations & scientific publications

EDUCATION

COLUMBIA UNIVERSITY – Teachers College, New York, NY

Dec 2017

Masters of Arts (MA) in Developmental Psychology

GPA: 3.89/4.0

LEHIGH UNIVERSITY – College of Arts & Sciences, Bethlehem, PA

Dec 2015

Bachelor of Science (BSc) in Behavioral Neuroscience

GPA: 3.70/4.0

Minors in General Psychology

CAMBRIDGE UNIVERSITY – Pembroke and King's Study Abroad Program, Cambridge, UK

Jun 2014 – Aug 2014

RESEARCH PROJECTS & PUBLICATIONS

THESIS PROPOSAL – “The Relationship Between Sleep & Adolescent Mental Health: A Qualitative Systematic Rev.” (2017)

A systematic qualitative review conducted to identify relationship between sleep disturbance and various internalizing-externalizing problems in adolescents.

CONFERENCE PRESENTATION – “Differential Attentional Processes in Direct and Indirect Word Naming” (2015)

Lehigh Valley Associate of Independent Colleges Psychology Conference (LVAIC)

Undergraduate Research Symposium

APPLICATION – Cross-cultural Psychology App “El-Barrio” (2017)

Designed interface of a bilingual mobile app to educate Spanish speaking immigrants in the United States about healthcare, parental rights, cultural differences, along with resources for language development, nutritional options and child care support.

AWARDS & HONORS

- Strohl Undergraduate Research Grant Recipient (Aug 2013 – Aug 2014)
- Dean's List for Academic Achievement (2013 – 2016)
- Aronson Family Endowed Scholarship (Aug 2013 – Dec 2015)
- Dorothy and Donald Stabler Scholarship (Aug 2013 – Aug 2014)

CORE COMPETENCIES

Research: Digital Health, Health & Wellness, Psych. Assessments, Experiment Design & Dev., Cross Cultural Psychology

Computing: Adobe Illustrator & Photoshop, JIRA, Confluence, Wireframe, CorelDraw, Minitab, Adobe Audition, Excel

CERTIFICATIONS

Certified ScrumMaster (CSM), course sponsored by Scrum Alliance Board (Apr 2018 – Apr 2020)