

ERICA LUZZI

MASTER IN DESIGN ENGINEERING CANDIDATE

✉ eluzzi@mde.harvard.edu

☎ 9735258356

📍 589 Franklin Street Apt.
1, Cambridge, MA
02139

Skills

PROGRAMMING, ANALYTICS & WEB DEVELOPMENT

C

C++

R

Python

JavaScript

HTML/CSS

SPSS

DESIGN

Figma

Adobe Illustrator

Education

Harvard Graduate School of Design and Harvard John A. Paulson School of Engineering and Applied Sciences
Master in Design Engineering 2022
Sept. 2020 to Current

Tufts University
B.S. Cognivite and Brain Sciences 2019
Minors: Computer Science, English
Cum Laude
Sept. 2015 to May 2019

Employment

MIT Media Lab
[Research Guide](#)
Sept. 2019 to Aug. 2020, Sept. 2019 to Aug. 2020
Cambridge, MA
Communicated research to prospective collaborators. Gave tours of the Media Lab and set up research demonstrations. Created virtual research update content. Processed and organized Salesforce data. Analyzed member and research initiative engagement using Salesforce data. Managed event guest lists and office hours.

BrainCo Inc.
[Neuroscience Research Assistant](#)
May 2017 to May 2018, May 2019
Somerville, MA
Researched EEG and its applications for education feedback, meditation feedback, neural synchronization and ADHD treatment. Wrote IRB proposals, grant proposals, and FDA approval applications. Designed and ran experiments and data collection studies using EEG. Managed 5-week ADHD treatment study. Ran demos at the BrainCo booth at the 2018 Consumer Electronics Show.

Boston College Cooperation Lab
[Research Assistant](#)
June 2018 to Aug. 2018
Newton, MA
Recruited subjects and acted as first experiment in studies on the development of fairness, honesty, and forgiveness with children ages 4-10. Acted as a second experimenter in a study on negotiation. Reviewed literature on development of virtues in children, wrote experiment scripts, updated study protocol, designed and created study stimuli. Paper coded and affectively video coded experiments. Organized data using Excel and analyzed pilot data.

Tufts University Psychology Department
[Research Assistant](#)
Dec. 2018 to Jan. 2018
Medford, MA
Conducted a literature review for on nonmusical rhythmic processing and its effect on reading and literacy outcomes.

Tufts Human-Robotics Interaction Lab
[Research Assistant](#)
May 2016 to May 2017
Medford, MA
Researched object affordances. Conducted literature reviews, wrote IRB proposals, designed and wrote questions for Mechanical Turk Study, wrote MTurk pages using HTML, JavaScript, and PHP, and designed follow up studies.

Projects

Eye contact and joint attention induced inter-subject EEG synchronization and prosociality
Sept. 2018 to May 2019
Independent project studying the effects of inter-subject EEG synchronization induced by eye contact and/or joint attention on participants' perceived likability of those they interact with in the study. Project responsibilities include designing study protocol and stimuli, writing study scripts, recruiting and scheduling participants, acting as main researcher for study trials, collecting and analyzing data, and preparing a poster presentation at the culmination of the study.

Activities

MLBT School System Racial Equity Committee · Committee Member
Current
Diversity, Equity, and Inclusion Advisory Board made up of Mountain Lakes/Boonton Township alumni and current students to facilitate greater student body and alumni participation in take immediate steps toward improving overall cultural responsiveness, racial literacy, and commitment to equity. This Board will serve to hold the school district administration accountable in taking action and will provide fresh insight and resources.

Awards

Tufts University · Dean's List
Spring 2016, Fall 2017, Fall 2018