BETHANY HUNG

bethany_hung@brown.edu
+1 510 468 1082
linkedin.com/in/bethanyhung
bethny.github.io

EDUCATION

Brown University
PROVIDENCE, RI / MAY 2019

Sc.B. Cognitive Neuroscience
4.0 GPA

Neuroscience (Structure & Systems), Cognitive Neuroscience, Visual Perception, Statistics, Physiology, Biochemistry, Organic Chemistry

SKILLS

Imaging
EEG (EGI & EasyCap)

Languages
Matlab (inc. Psychtoolbox), Mathematica, R, Python, HTML/CSS, jQuery

Software
Illustrator, Photoshop, InDesign, SPSS

Interests
graphic design, nail art, metallic clothing

EXPERIENCE

Perception, Action, & Cognition Lab *Undergraduate Student Researcher*
PI JOO-HYUN SONG • BROWN UNIVERSITY • FEB. 2017 – PRESENT

Designing, coding, & piloting original study on attentional models of visual crowding (Matlab/Psychtoolbox). Writes scripts to analyze steady-state visual evoked potential (SSVEP) frequency-tagged data. Runs subjects on a 32-channel EasyCap EEG.

Stanford Vision & Neuro-Development Lab *Visiting Researcher*
PI ANTHONY NORCIA • STANFORD UNIVERSITY • SUMMER 2016 + SUMMER 2017

SUMMER 2017 • Collaborated with Dr. Jeffrey Goldberg of Stanford Ophthalmology on a novel screen for glaucoma using electrophysiology (EEG VEPs). Optimized stimuli for selective activation of ON/OFF visual pathways, wrote Matlab scripts for EEG analysis (time & frequency domains), ran EEG subjects. Developed & published code on phase analysis in the frequency domain. *Currently co-authoring paper; mid-2018 submission*

SUMMER 2016 • Designed psychophysics + EEG pardigms to investigate bistability of motion percepts. Wrote Matlab scripts to analyze psychophysical (Weibull functions) and EEG (Reliable Components Analysis) data. Ran subjects on a 128-channel EGI EEG.

3D Shape Lab *Undergraduate Student Researcher*
PI FULVIO DOMINI • BROWN UNIVERSITY • SEP. 2015 – PRESENT

Assisted in designing psychophysical tasks & stimuli for examining human depth perception. Ran participants in physical object & virtual reality experiments. *Currently co-authoring paper; early 2018 submission*

LEADERSHIP + IMPACT

Hack@Brown *Outreach Team Lead*
BROWN UNIVERSITY • AUG. 2016 – PRESENT

Leads a team of 4 in managing communications and the public interface for Brown's annual hackathon, where 400 participants code for 24 hours. Goal: promoting accessibility and diversity.

NARAL Pro-Choice Brown University *Director of Communications*
BROWN UNIVERSITY • OCT. 2016 – PRESENT

Designs all visual campaigns and maintains social media presence. Assisted with authoring Brown's Bill of Reproductive Rights.

B-SIDE Magazine *Creative Director*
BROWN UNIVERSITY • SEP. 2015 – PRESENT

Creates all visual content for College Hill's only music magazine. Designed the first print zine cover.