

Felix Liu

ASPIRING HUMAN CENTERED DESIGNER · RESEARCH ASSISTANT · RESIDENT ASSISTANT

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Education

Carnegie Mellon University

Pittsburgh, Pennsylvania

B.S. IN COGNITIVE SCIENCE, ADDITIONAL MAJOR IN HUMAN COMPUTER INTERACTION. GPA: 3.78

August 2015 - May 2019

Phillips Academy Andover

Andover, Massachusetts

HIGH SCHOOL DIPLOMA

September 2011 - June 2015

Experience

Biovitality

Hong Kong

USER EXPERIENCE DESIGN INTERN

July 2017

- Designed and conducted user centered research to help with creation of the product.
- Supported the development of a DNA testing service, and contributed a user centered design approach perspective to the process.
- Facilitated the communication of interdisciplinary teams, helped doctors communicate their needs to programmers who were creating the product.

Undergraduate Research, Carnegie Mellon University Auditory Lab

Pittsburgh, Pennsylvania

RESEARCH ASSISTANT

July 2016 - May 2017

- Supported the development of a mobile application that aimed to teach blind people how to echolocate.
- Helped to design an experiment that tested whether people could perceive different echoes
- Coauthored a paper called Echoexplorer: A Game App for Understanding Echolocation and Learning to Navigate Using Echo Cues, that the lab is attempting to publish.

Carnegie Mellon University Office of Residential Education

Pittsburgh, Pennsylvania

RESIDENT ASSISTANT

August 2016 - PRESENT

- Serve as a resident assistant for a community of 31 first-year residents by helping to build a respectful and supportive community.
- Plan and lead weekly programming such as book club and big questions for a house community of over 320 residents.
- Respond to emergency situations and violations of community standards within the dorm.

Projects

Cognitive Behavioral Module for Patients with Sickle Cell Disease

Pittsburgh, Pennsylvania

PROJECT FOR MOBILE HEALTH COURSE AT CMU

February 2017 - April 2017

- Designed a cognitive behavioral therapy mobile application to help patients with sickle cell disease with their pain management.
- Practiced conducting user centered research when interviewing patients with sickle cell disease
- Assisted in the creation a wireframe user interface for UPMC

15-112 Term Project

Pittsburgh, Pennsylvania

TERM PROJECT FOR PROGRAMMING COURSE AT CMU

April 2016

- Simulated a genetic algorithm approach to machine learning in Python.
- Randomly generated a bicycle and then ran it along a track. The best bicycle was mutated to make even better bicycles, simulating evolution.

Extracurricular Activities

Carnegie Mellon University Emergency Medical Services

Pittsburgh, Pennsylvania

MEMBER

August 2015 - August 2017

- Obtained certification as an Emergency Medical Responder (EMR).
- Serve the medical needs of the CMU campus community by being on call for 24 hour shifts.
- Responded to about 40 emergency calls to date, applied skills such as taking vital signs, bandaging wounds, and completing paperwork.