

Monica Song

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Education

HARVARD UNIVERSITY

AB, Computer Science. GPA: 3.72

Relevant Coursework: Functional Programming, Data Science, Artificial Intelligence, Theory of Computation

LA CANADA HIGH SCHOOL

GPA: 4.0 UW, 4.6 W

Cambridge, MA

May 2019

La Canada, CA

June 2015

Experience

DESORA, Smart Home Appliance Startup

Product Design Intern

Cambridge, MA

Summer 2017

- Worked with engineering teams to completely redesign existing smart home mobile app. Wireframed the Register, Connect, and Cook user flows.
- Increased website traffic by over 400% using various SEO techniques.
- Pitched, storyboarded, wrote, and created 45-page lab report detailing the company's scientific and product design process. Available for public distribution in 2018.

HCS DATAMATCH, Algorithm-based Matchmaking Service

Website Programmer and Designer

Cambridge, MA

2016 – Present

- Fine-tune existing CSS and Javascript code to improve user experience of the sign-up, survey, and results processes.
- Conceived of and designed entirely new website credits page.
- Created promotional materials for publicity campaign, ultimately leading to a record high number of sign ups in 2017.

CARAMAZZA LAB, Cognitive Neuropsychology Laboratory

Research Assistant

Cambridge, MA

Spring 2016

- Designed and programmed experiment using Psychopy.
- Worked with Gilles Vannuscorps to demonstrate human biases in our perception of representational momentum and apparent motion.
- Created stimuli by recruiting and photographing individuals and photo-manipulating their limbs.

Leadership and Activities

HARVARD BALLET COMPANY

Producer

2016 – Present

- Collaborate with directors and dancers to plan production timeline and deadlines to ensure a successful show opening and run.
- Recruit and train 5-member tech crew for stage managing, house managing, and sound operating roles.
- Designed lights and projections for the Spring 2017 and Fall 2016 shows.

THE CRIMSON

Design Editor

2016 – Present

- Worked with design editors, tech editors, and president to mock-up redesign of thecrimson.com homepage (15 million page views per year).
- Implemented mock-up using templating language Jinja.

Skills and Interests

Technical: Python (pandas, scikit-learn, statsmodels, matplotlib), OCaml, C, Javascript, Matlab, HTML, CSS

Design: Adobe Photoshop, Adobe InDesign, Adobe Illustrator, Invision

Interests: Ballet, design, entrepreneurship, food innovation