

JuHye Mun

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Education

HARVARD UNIVERSITY

A.B. in Computer Science, Secondary in Music, GPA: 3.525/4.0

Cambridge, MA

May 2022

Coursework: Abstraction & Design in Computation, Operating Systems & Machine Organization, Theoretical Computer Science, Statistics, Privacy and Technology, Political Technology, Linear Algebra, Multivariable Calculus

Skills

Programming: C++, C, Python, OCaml, SQL, HTML/CSS, JavaScript, Linux, MacOS.

Music: Audio Engineering, and Production, Theatrical Sound Design, Classical Violin, Singer-songwriter, Theater Performance

Software: Git, Microsoft Office Suite, IBM, Adobe InDesign, Logic Pro X, Reaper, Adobe Audition

Experience

PLAYHOUSE APP

Cambridge, MA

Co-Head Software Developer, incoming

Dec 2020 – Present

- Live interaction with virtual shows and concerts, optimized for musical theater performances, iOS.
- Delegate tasks. Communicate with software engineers, UI/UX designers, and business operations.

COVID LOAN TRACKER

Cambridge, MA

Data Scientist, Founding Team

Mar 2020 – Jul 2020

- Formed data analytics/visualization team in response to COVID-19. Identified trends in PPP and EIDL loan applications to address the lack of transparency from banks and the government. 50,000+ small businesses aided in a few months.
- Designed website at covidloantracker.com.

HARVARD SCHOOL OF ENGINEERING AND APPLIED SCIENCES

Cambridge, MA

Teaching Fellow - Introduction to Computer Science, Privacy and Technology

Sept 2019 – Present

- Teach 20 students across two courses to program in Python and C through two weekly section classes and office hours, covering algorithms, data structures, abstraction, object-oriented programming, and Web development.
- Facilitate discussion around issues of privacy in the technological sphere. Grade problem sets, essays, and exams.

HARVARD WOMEN IN COMPUTER SCIENCE

Cambridge, MA

Community Director

Sept 2019 – Sept 2020

- Plan, publicize, and host weekly and special occasion community events for 500+ student membership while managing an \$8,000+ budget. Foster an inclusive environment that encourages women to pursue CS careers.

TRILOGY INTERACTIVE

Berkeley, CA

Digital Strategy Fellow

June 2019 – Aug 2019

- Analyzed social media performance and ad revenue data of political campaigns, creating written and excel reports.
- Built HTML/CSS emails in IBM sent to 100k+ people, fundraising pages in ActBlue, and web pages in WordPress.
- Performed quality assurance tests on email and ad copies, drafted social media posts, and audited political websites.

THE WAVE LITERARY AND ARTS MAGAZINE

Cambridge, MA

Editorial Director

Sept 2019 – Present

- Direct vision of the magazine, manage publications timeline from inception to launch, organize submission collection and communication with contributors, manage 13-person editorial team. Communicate with tech/media and biz teams.
- Member of founding executive board for the first Asian Anglophone literary and arts magazine at Harvard.

Projects

Google Query Bias

- Python program that measures sentiment differences in search term variants. Analyzes results with Google Cloud Language Sentiment API and graphs data comparisons. e.g. Is Meat Bad For You? vs Is Meat Good For You?

The Sound Project

- Sound design and word association in programming language SuperCollider. Computer Music class at Stanford.