

Julia Yoo

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EDUCATION

Tufts University / School of the Museum of Fine Arts - Boston, MA, USA

Fine Art and Computer Science, Bachelor's Degree. 2022-2026

Creative Computing Institute / University of Arts London - London, England.

Creative Computing, Bachelor's of Science. 2024-2025

PROJECTS

LOVE-BOT | *Python, Arduino*

Currently training a machine learning model that identifies possible partners based on dating app data and real-time camera input. Using pre-trained models for feature extraction on image data, once trained the model will learn personal physical preferences and the robot's shell will visually and auditorily indicate a match when identified.

TUNER | *HTML, CSS, PHP, SQL, Javascript*

Full stack, comprehensive song rating platform. Including user authentication, personal rating library, featured songs of the day, site leaderboard, and comprehensive search functionality. Integrated *last.FM* API. Developed with HTML/CSS frontend, and PHP/SQL database backend.

GERP | *C++*

A simplified CLI implementation of Unix's *grep*. Quickly query your directories for words or phrases, case sensitive or not. Hash implementation with capacity for tens of thousands of lines. All memory recycled upon quitting.

CREATIVE WEB-ART PROJECTS | *HTML, CSS, Javascript*

A collection of mini web-art projects marrying web based languages with artistic elements are viewable at

juliayoo.com/coding.

SKILLS

LANGUAGES: C++, Javascript, Python, Arduino, HTML/CSS, PHP, SQL, Node.js

SOFTWARE: Git/GitHub, Adobe Creative Suite, Microsoft Suite, Google Suite, Figma

PROFESSIONAL EXPERIENCE

Independent Researcher | Tufts University | June 2024 - Present

- Independent **research into emerging interactive contemporary art/technologies**
- Project focused on the revival of late artist Theresa Hak Kyung Cha, and **applying new media fabrication technology to revisit the artist's work, such as TouchDesigner, projection mapping and interaction with AI image generation.**
- In collaboration with the Berkeley Art Museum and Pacific Film Archive, and the Husted Summer Scholarship.

Undergraduate Programming Intern | Asian American Centre, Tufts University | Aug 2023 - Present

- **Implemented social event structure connecting two schools under Tufts** that was adopted by school administration to be implemented by identity centers across Tufts.
- **Assist in event planning, curation and promotion for the Tufts student body.**

Programmer | Toronto International Film Festival | June 2019 - August 2022

- Organized the TIFF Next Wave film festival, an annual free film festival for young people. **Advocated and pitched multiple films that attracted wider audiences and sold-out screenings.** Secured industry guests and filmmakers.
- Acted as a point of contact and perspective for youth outreach, programs, and promotions, including multiple appearances on national CTV (2021), CP24 (2019) and CBC (2020) TV/Radio programmes.
- **Helped grow festival influence and audience by thousands during span of work through collaboration with the larger organization.**