

Ethan Printz

Interaction Design
Computer Science

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Experience

Programming and Design Intern *Summer 2018, 2019*

Rady Children's Hospital 3D Innovation Lab

- Redesigned a patient education tool built in Javascript and x3Dom to enhance usability, both on desktop and on smaller touch devices.
- Developed an A-Frame based VR demo application used to model and observe anatomical components in 3D space

Education

New York University *Expected Graduation May 2022*

Tisch School of the Arts - BFA Interactive Media Arts (ITP)

Interactive Media Arts is the undergraduate major in NYU's Interactive Telecommunications Program. IMA explores the integration of technology, art, and design with a focus on human-computer interaction and experimental interfaces.

Relevant Coursework: Interaction Lab, Communications Lab, Introduction to Assistive Technologies, Networked Media, Big Ideas in Technology, Fabrication Lab

College of Arts and Science - BA Computer Science

Double major with the computer science program at the Courant Institute of Mathematical Sciences.

Relevant Coursework: Discrete Mathematics, Intro to Computer Science (Pre-College)

Activities and Clubs

Tisch Drama Innovation Lab *Worked collaboratively with Drama, Game Design, and Interactive Media students to produce public demonstrations of technology in theatre.*

Inspired Media Network *Weekly meetings and group projects with students in related fields*

Tech@NYU Freshman Circuit *Met with a group of freshman interested in technology, toured local companies, worked on projects together*

BUGS Open Source Club, Co-Captain of FTC Team 9266 (High School), Co-Head of Student IT (High School), Theatrical Technical Director (High School)

Abilities

Design

Illustrator
Photoshop
After Effects
Sketch / XD
Wireframing

Code+Interaction

Frontend Web Stack
NodeJS (Express)
React / GatsbyJS
React Native / ViroReact
WebVR (A-Frame)

Physical Computing

Arduino C / Johnny-Five JS
Fundamental Electrical Engineering
CAD / 3D Printing
Laser Cutting
Physical Fabrication