

# YURI CHOI

✉ ychox200321@gmail.com |  linkedin.com/in/yurichoiprofile | ☎ (+1) 347 444 5773 |  Portfolio

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## EDUCATION

### Massachusetts Institute of Technology

Cambridge, MA | August 2021 - May 2025

Bachelor of Science in Neural and Computer Sciences | GPA: 4.6/5.0

- **Coursework:** Artificial Intelligence, Deep Learning, Interconnected Embedded Systems, Web Dev, Designing Virtual Worlds, Algorithms, Childhood Cognition, Neuroscience, Psychology

## PROFESSIONAL EXPERIENCE

### Tactical Edge Reprogramming for Rapid Autonomy Adaptation | Researcher MIT CSAIL | May 2023 – Present

- Serving as the primary front-end developer for a user-friendly web app projected to enhance robot training and validation efficacy by 65%
- Oversaw user testing for web app optimizations as the secondary human experiment conductor
- Leveraged HTML, CSS, and JavaScript to create a mechanics dashboard, incorporate eye-tracking, and overall enhance UI/UX, significantly streamlining the user experience

### MIT Renewable Energy Clinic | Web Design Lead

MIT DUSP | May 2023 – September 2023

- Led full-stack development for a project aimed at reducing opposition to renewable energy initiatives
- Facilitated public access to renewable energy data through maintenance of an open-source database and frequent updates regarding research findings
- Integrated modern UI/UX design principles, achieving a 50% improvement in user experience metrics

### Girl STEMinist | Director of Logistics and Programming

New York | October 2020 - November 2021

- Directed digital + social growth initiatives, collaborating with executive, engineering, and marketing teams to establish schedules and ensure timeliness of deliverables
- Produced biannual digital journals and conducted monthly promotional workshops, facilitating readership and contributing to a 40% increase in membership applications
- Boosted public engagement by 55% by optimizing web platforms and spearheading communications

### KAFSC | Web Designer, Disciplinary Committee Member

New York | September 2017 - September 2021

- Raised human rights awareness through dynamic community outreach and student-led seminars
- Facilitated inter-member communication and conflict resolution strategies
- Collaboratively redesigned web-based platforms and developed a promotional guide, contributing to a 30% annual rise in volunteer participation

### Design at Columbia | Director of Design

Remote | July 2020 - September 2020

- Led user research and competitive market analysis, identifying key industry trends and opportunities
- Conducted weekly presentations on user flows, wireframes, prototypes, + social media outreach
- Proposed a strategic reorganization of the team's operational framework, leadership roles, and targeted objectives, yielding a notable 42% boost in team productivity

## PROJECTS

**Homemade:** Collaboratively coded an API-based cooking game, taking charge of gameplay + graphics (2022)

**Familiar Strangers:** Designed the mechanics + visuals for a beta VR experience involving hand tracking (2023)

## SKILLS

**Technical:** Figma | Full-Stack | Github | Microsoft Office Suite | MongoDB | Notion | Qualtrix | Unity | UI/UX

**Languages:** CSS | C++ | C# | Git | HTML | Java | Javascript | React | Python | English, Korean, Spanish