

YURI CHOI

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EDUCATION

Massachusetts Institute of Technology (MIT)

August 2021 - Present

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

Coursework: Artificial Intelligence, Introduction to Deep Learning, Interconnected Embedded Systems, Web Dev, Discrete Mathematics for CS, Fundamentals of Programming, Programming in Python, Introduction to Algorithms

PROFESSIONAL EXPERIENCES

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 STEMinit | 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

KAFC | 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