Eunseo Dana Choi

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Website

EDUCATION

Massachusetts Institute of Technology
Dual S.M. with Thesis in Computer Science & Technology Policy (fully-funded) — *Cambridge, USA*

Northwestern University
Dual B.A. in Statistics & Economics with Kellogg Certificate in Managerial Analytics — *Evanston, USA*

RELEVANT EXPERIENCE

The Organisation of Economic Co-operation and Development (OECD.AI) — 2024 – Present
Analyst — *Paris, France*

- Designed and executed multilateral engagement models across Africa, LATAM, Europe, MENA, and Southeast Asia to launch the global OECD AI Policy Toolkit, leading cross-functional alignment between policy and product teams.
- Launched and scaled the OECD AI Policy Navigator, expanding coverage to 2,000+ AI policy initiatives across 80+ jurisdictions by coordinating internal teams and 200+ global national contact points.
- Delivered regional AI governance workshops, including a recent Southeast Asia session for 66 participants across 11 economies; secured follow-on opportunities to expand OECD's presence in ASEAN.
- Spearheaded a global consultation on frontier AI thresholds in partnership with Oxford/GovAI, achieving the highest engagement in OECD.AI history; analyzed and published findings from 200+ expert inputs. [Publication]
- Co-organized a high-level public-private dialogue on frontier AI thresholds with the UK AI Security Institute at the French AI Action Summit, delivering end-to-end event coordination within an accelerated 4-week timeline.
- Briefed 300+ global policymakers and experts at the OECD Working Party on AI and GPAI plenary; drafted keynotes and strategic briefing notes for leadership at international forums including APEC 2025 and the French AI Action Summit.
- Evaluated and provided substantive technical input to core OECD policy publications, including the AI Capability Indicators, the International AI Safety Report, and regional AI adoption papers.

Algorithmic Alignment Group at MIT CSAIL — 2021 – 2023
Advisor: Dylan Hadfield-Menell — *Cambridge, USA*

- Conducted counterfactual experiments with multi-agent RL (PyTorch, Ray RLlib) and agent-based models to demonstrate how individual imitation and social signals shape group learning and cultural inheritance, yielding insights on sociotechnical design and governance.
- Facilitated workshops for 50+ industry consultants on applying AI foundation models to organizational problems, translating technical concepts into responsible deployment practices.

Olivetti Lab at MIT Department of Material Science and Engineering — 2020 – 2022
Advisor: Elsa Olivetti — *Cambridge, USA*

- Developed and implemented Bayesian hierarchical regression models (PyMC2) and dynamic materials flow models to forecast critical material demand, reducing parameter estimate uncertainty by over 50%; nominated for the 2023 JIE Best Paper Prize. [Publication]
- Applied the models to assess supply-chain risks and evaluate recycling and efficiency strategies while explicitly accounting for price-mediated rebound effects; translated findings into actionable recommendations for senior leadership at a multinational technology firm (NDA), informing sustainability policy and strategic planning decisions.

Interaction Lab at KAIST (KIXLAB) — 2020
Advisor: Juho Kim — *Daejeon, Korea*

- Conducted mixed-methods research (10 interviews; between-subjects user study, 200+ participants) showing that pluralistic feedback mechanisms beyond simple up/down votes boost engagement and reduce overgeneralization in online deliberation. [Publication]

Lab on Innovation, Networks, and Knowledge at Northwestern University — 2018 – 2019
Advisor: Agnes Horvat — *Evanston, USA*

- Conducted structural and linguistic anayses on 150K+ booking records using R and designed controlled experiments (Qualtrics, N=1,000) to assess how reputation system design influences user trust and community sustainability. [Publication]
- Designed and coordinated large-scale behavioral experiments (Qualtrics, N=1,250), generating evidence-based insights into how crowd signals influence individual decisions and platform performance. [Publication]

SKILLS, AWARDS, & SERVICE

TOOLS AND FRAMEWORKS: Python. R. SQL. Langchain. Ray. PyTorch. RLlib. Qualtrics survey design. Amazon Mechanical Turk.
LANGUAGES: English, Korean, French
AWARDS: Prize from the National Hangeul Product Competition ($15,000, South Korea's Ministry of Culture, Sports and Tourism, 2018), Finalist for the Fletcher URG Prize (Northwestern, 2018), Research Grant ($4500, Northwestern, 2018), GSC Conference Travel Grant ($1000, MIT, 2023)
SCHOLARSHIPS: The Social and Ethical Responsibilities of Computing (SERC) Scholar, MIT (2020),
KSEA Scholarship Recipient, Korean-American Scientists and Engineers Association (2019)
SERVICE: Reviewer (ICML 2023, NeurIPS Ethics 2023), Conference Volunteer (DIS 2021, CHI 2021, and FAccT 2022)