Eunseo Dana Choi

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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*

- Executed a comprehensive rebranding and update of the OECD.AI Global AI Policy Navigator, synchronising efforts across cross-functional teams and 200+ national contact points. Expanded the platform to cover 1,300+ AI policy initiatives across 80+ countries and international organisations, directly informing global regulatory trends and policy analysis.
- Designed and evaluated a RAG-based internal AI policy research tool, reducing search time by 58% and clicks to relevant information by 64% compared to legacy systems; now adopted in an expanded multilateral initiative to guide national implementation of OECD AI Principles across developed and developing economies.
- Led coordination of an expert survey and public consultation on frontier AI thresholds, gathering input from 200+ stakeholders across academia, industry, government, and civil society, and achieving the highest engagement of any OECD.AI consultation to date; analyzed and synthesized findings for a working paper and presentations at international policy forums.
- Delivered briefings to 300+ policymakers and experts at the OECD Working Party on AI and GPAI plenary sessions. Drafted high-level speaking notes and keynote speeches for STI leadership at major forums (e.g., French AI Action Summit, APEC 2025).
- Co-organised public-private policy panel on frontier AI thresholds with the UK AI Security Institute at the French AI Action Summit, delivering full event coordination within a 4-week timeline

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 global material demand, reducing parameter estimate uncertainty by over 50%.
- [Publication] nominated for the 2023 JIE Best Paper Prize.
- Presented technical findings on material efficiency strategies (e.g., recycling) to leadership at a multinational tech company (NDA), informing corporate sustainability strategies and securing an extended research contract.

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*

- Analyzed 150K+ booking records (R) and conducted 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)