

# 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

AI Policy Researcher, Directorate for Science, Technology, and Innovation

Paris, France

- Co-leading expert survey and public consultation on thresholds for advanced AI systems with external domain experts and partners; currently synthesizing perspectives from 213 individuals and organisations with AI expertise across academia, civil society, public sector, and private sector
- Leading the development of OECD AI policy research assistant, incorporating human-centered design principles, comprehensive evaluation frameworks, and adversarial testing under resource constraints
- Conceptualizing and drafting research studies and projects for OECD/GPAI experts, aligning with emerging trends in AI safety research and technical AI governance
- Collaborating with cross-functional teams to redesign the information architecture and migrate the OECD global AI policy initiatives database
- Preparing strategic recommendations for OECD Head of Division and Head of Unit; advised on the integration of large language models across divisions within OECD
- Delivering briefings to AI Safety Institutes and the OECD Working Party on AI (now GPAI) – a 300+ member body of policymakers and experts

### Algorithmic Alignment Lab at MIT CSAIL

2021 – 2023

Graduate Researcher, Advisor: Dylan Hadfield-Menell

Cambridge, USA

- Explored imitation as a cultural inheritance system for cumulative cultural evolution, enabling the learning of complex skills and enhancing group stability and coordination; conducted counterfactual experiments using agent based models and multi-agent learning algorithms (Pytorch, Ray RLlib)
- Facilitated workshops on large language models for non-technical CSAIL member companies, highlighting potential applications and challenges in integrating this technology into business processes across diverse industries

### Olivetti Lab at MIT Department of Material Science and Engineering

2020 – 2022

Fully-funded Economics Research Assistant, Advisor: Elsa Olivetti

Cambridge, USA

- Applied Bayesian hierarchical regression modeling (PyMC2) and dynamic materials flow modeling (Python) to reduce uncertainty in forecasting material demand and flows [\[Publication - nominated as one of several finalists for a 2023 JIE Best Paper Prize\]](#)
- Briefed technical findings to practitioners & leadership at a multinational technology company (NDA), providing recommendations for corporate policymaking on effective materials substitution and recycling; project led to an extended research contract
- Leveraged named entity recognition across a large corpus of 150K journal papers to extract information on material and operational challenges in scaling Lithium battery production

### Interaction Lab at KAIST (KIXLAB)

2020

Social Computing Research Intern, Advisor: Juho Kim

Daejeon, Korea

- Explored various forms of user engagement aggregation, assessing their impact on pluralistic online discussion; led a mixed-methods study involving 10 semi-structured observational interviews and a between-subjects user study with 200+ participants [\[Publication\]](#)

### Lab on Innovation, Networks, and Knowledge at Northwestern University

2018 – 2019

Computational Social Science Researcher, Advisor: Agnes Horvat

Evanston, USA

- Investigated the effect of key features in Airbnb reputation system on in-group biases, user trust, and community sustainability; conducted exploratory data analysis on 150K+ bookings data (structured) using R, followed by controlled experiments with 1000 Airbnb users via Qualtrics [\[Publication\]](#)

## SKILLS, AWARDS, & SERVICE

**TOOLS AND FRAMEWORKS:** Python. R. SQL. Langchain. Ray. PyTorch. RLlib. Qualtrics survey design. Amazon Mechanical Turk experiment design. **LANGUAGES:** Korean (native), English (fluent), French (intermediate)

**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)