

# YOU JEEN HA

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## EDUCATION

### Smith College

BA in Computer Science, Philosophy; GPA 3.95/4.00

September 2016 - May 2020

*Relevant Coursework:* Logic, Discrete Mathematics, Linear Algebra, Data Structures, Algorithms, Databases, Digital Circuits & Computer Systems, Responsible Computing, Philosophy of Mind, Philosophy of Language, Medical Ethics

### University of Oxford

Study Abroad at Hertford College for Computer Science, Philosophy

January 2019 - June 2019

*Relevant Coursework:* Artificial Intelligence, Knowledge Representation & Reasoning, Philosophy of Cognitive Science

## SKILLS

### Programming Languages

Java, Python, JavaScript, SQL, Bash, Assembly 8086, PHP, Git, C, Linux

### Python Packages

D3.js, Pandas, Numpy, Vincent, Scikit-learn, BeautifulSoup, DoWhy

### Software & Tools

MySQL, HTML/CSS, Excel, AutoCAD, Relativity, Concordance, Westlaw, IPRO

### Languages

English, Korean, Spanish

## EXPERIENCE

### Consultant

*The Kigumi Group*

February 2022 - Present

Develop and work with the advisory team to establish future-facing insights, implications, and recommendations, producing research deliverables in the intersection of technology and ethics (e.g., AI ethics) and regulatory mechanisms (e.g., stakeholder approaches in East Asia).

### Recruiting Operations Analyst

*MH Supply Chain Management, Inc.*

December 2021 - Present

Provide critical operational support for an efficient recruiting process: ensure data is accurate and processes are compliant while maintaining robust database of candidate records, managing job postings and assisting recruiters by developing new streamlined workflows and actively communicating with candidates, and learning new tools and software as needed to maximize impact.

### Fulbright U.S Student

*Korea Policy Center for the 4th Industrial Revolution/KPC4IR (KAIST) - So Young Kim, Professor of Science-Technology Policy*

February 2021 - November 2021

From a public value perspective, conducted embedded interpretive case study of South Korea's national AI ethics using literature review and qualitative analysis of stakeholder interviews regarding Korea's <National AI Ethics Guidelines>: identified the public values reflected within, how such values stress prevalent Korean sociocultural norms, and how stakeholder groups (i.e., government, industry, academia, and civil society) debated and negotiated these values in a way enabled by Korean policy-making. Findings will be included in research paper.

### Research Intern/Assistant

*Berkman Klein Center for Internet & Society (Harvard University) - Jonathan Zittrain & Charles Nesson, Professors of Internet Law*

June 2019 - June 2020

Drafted call for action re legoethical theory for 5G wireless technology deployment. Designed syllabi for courses *Internet & Society: The Technologies and Politics of Control* and *Autonomous Cars and the Law*. Developed website for new interdisciplinary program on disinformation. Investigated legal pedagogy re Threads online platform.

### Student Research Fellow

*Kahn Liberal Arts Institute (Smith College)*

September 2019 - April 2020

Examined legoethical theory surrounding "the pacing problem", the dynamic in which technological innovation and regulation advance at different speeds relative to one another such that the latter must 'catch up' to the former. Research accepted as paper at ETHICOMP 2020.

### Honors Thesis

*Department of Computer Science (Smith College) - Joseph O'Rourke, Professor of Computer Science & Mathematics*

September 2019 - April 2020

Explored Judea Pearl's theory of causality, based on statistical models and his "do-calculus" for determining the effects of interventions with *Mathematica*, Python libraries *DoWhy* and *PyCausalImpact*, and literature review.

### CS Ethics Student Researcher

*Department of Computer Science (Smith College) - Alicia Grubb, Professor of Computer Science*

December 2019 - January 2020

Redesigned syllabus and created educational resources for computer ethics seminar *Responsible Computing*.

**Research Assistant** July 2018 - December 2018  
*Human Computation & Visualization Laboratory (Smith College) - Jordan Crouser, Professor of Computer Science*

Reviewed literature and structured grant proposal linking personality differences and individuals' perceptions of and interactions with data.  
 Presented findings at the 2018 LAS Research Symposium.

**Summer Research Assistant** June 2018 - July 2018  
*Department of Philosophy (Smith College) - Susan Levin, Professor of Philosophy & Bioethics*

Surveyed literature on transhumanism, evolutionary psychology, game theory, and contemporary continental philosophy for systematic inconsistencies found in arguments for moral bioenhancement.

**STRIDE Research Assistant** September 2016 - May 2018  
*Department of Philosophy (Smith College) - Jay Garfield, Professor of Philosophy, Logic, & Buddhist Studies*

Edited manuscripts for publication in Western and Eastern philosophy. Presented research in two Smith research showcases and in conference paper.

## PRESENTATIONS

**South Korean Public Value Coproduction Towards 'AI for Humanity': A Synergy of Sociocultural Norms and Multistakeholder Deliberation in Bridging the Design and Implementation of National AI Ethics Guidelines** June 2022  
 Accepted to ACM FAccT Conference 2022 (Seoul, South Korea)

**For or Against Progress?: Institutional Agency in a Time of Technological Exceptionalism** June 2020  
 Accepted to computer ethics conference ETHICOMP 2020 (Logroño, Spain)

**The Effects of Individual Differences on Visualization Use** December 2018  
 2018 LAS Research Symposium (Raleigh, NC)

**The Misguided Conflation of Epistemic Ontology & Epistemic Onticism in AGI Research** September 2018  
 Computer ethics conference ETHICOMP 2018 (Sopot, Poland)

**Ethics of Computational Models of the Human Mind** August 2018  
 Amherst College's Putney Pre-College program (Amherst, MA)

**David Hume and Doōgen Zenji: Personhood, Identity, and Self** March, April 2018  
 2018 UEHIRO Graduate Philosophy Conference (Honolulu, HI); Five-College Philosophy Conference (Holyoke, MA)

**'Surrender' as a Pervasive, Unifying Theme in Philosophy of Religion** October 2017  
 Eighth Annual Mid-Hudson Undergraduate Philosophy Conference (Poughkeepsie, NY)

## PUBLICATIONS

Ha, Y.J. (2021). AI Systems, Legal Personhood, & Patents. In Proceedings of the First and Second Seminar on Responsible Computing (pp. 13-19). doi.org/10.35482/csc.002.2021

Ha, Y.J. (2020). Algorithmic (In)explainability : Causality and Machine Learning. Honors Project, Smith College, Northampton, MA. https://scholarworks.smith.edu/theses/2221

Ha, Y.J. (2020). For or Against Progress?: Institutional Agency in a Time of Technological Exceptionalism. In J. Pelegrín-Borondo, M. Arias Oliva, K. Murata, A.M.L. Palma (Eds.), Paradigm Shifts in ICT Ethics: Proceedings of the ETHICOMP 2020 (pp. 425-427). ISBN 978-84-09-20272-0

Ha, Y. "David Hume and Doōgen Zenji: Personhood, Identity, and Self". In 2018 UEHIRO Graduate Philosophy Conference's proceedings.

## AWARDS

Bert Mendelsohn Prize for Excellence in Computer Science 2020

Florence Corliss Lamont Prize for Excellence in Philosophy 2020

Kahn Liberal Arts Student Fellow in Data Ethics 2019-2020

Zollman Merit and STRIDE Research Scholar 2016-2020

Dean's List 2016-2020

Stephen A. Perelson Memorial Scholar for Law 2016-2020

## ACTIVITIES

Founder & Chief Editor of Eudaimonia: Online Interdisciplinary Journal 2018-2020

Student Liaison of Philosophy Department 2018-2020

Secretary of Smithies in CS 2018

Debate Educator of Smith Debate Society 2017