# YOU JEEN HA

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## EDUCATION

**Smith College**                                                                                                      September 2016 - May 2020
BA in Computer Science, Philosophy; GPA 3.95/4.00

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

**University of Oxford**                                                                                                  January 2019 - June 2019
Study Abroad at Hertford College for Computer Science, Philosophy

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

## SKILLS

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| **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

**Responsible Tech Consultant**                                                                                        February 2022 - Present
*The Kigumi Group*

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**                                                                                    December 2021 - Present
*MH Supply Chain Management, Inc.*

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**                                                                                        February 2021 - November 2021
*Korea Policy Center for the 4th Industrial Revolution/KPC4IR (KAIST) - So Young Kim, Professor of Science-Technology Policy*

From a public value perspective, conducted descriptive 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 are presented in 2022 ACM FAccT paper.

**Research Intern/Assistant**                                                                                          June 2019 - June 2020
*Berkman Klein Center for Internet & Society (Harvard University)*

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**                                                                                        September 2019 - April 2020
*Kahn Liberal Arts Institute (Smith College)*

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**                                                                                                September 2019 - April 2020
*Department of Computer Science (Smith College) - Joseph O'Rourke, Professor of Computer Science & Mathematics*

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**                                                                                  December 2019 - January 2020
*Department of Computer Science (Smith College) - Alicia Grubb, Professor of Computer Science*

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

**Research Assistant** <span style="float:right">July 2018 - December 2018</span>

*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** <span style="float:right">June 2018 - July 2018</span>

*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** <span style="float:right">September 2016 - May 2018</span>

*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** <span style="float:right">June 2022</span>
Accepted to ACM FAccT Conference 2022 (Seoul, South Korea)

**For or Against Progress?: Institutional Agency in a Time of Technological Exceptionalism** <span style="float:right">June 2020</span>
Accepted to computer ethics conference ETHICOMP 2020 (Logroño, Spain)

**The Effects of Individual Differences on Visualization Use** <span style="float:right">December 2018</span>
2018 LAS Research Symposium (Raleigh, NC)

**The Misguided Conflation of Epistemic Ontology & Epistemic Onticism** <span style="float:right">September 2018</span>
**in AGI Research**
Computer ethics conference ETHICOMP 2018 (Sopot, Poland)

**David Hume and Dōgen Zenji: Personhood, Identity, and Self** <span style="float:right">March, April 2018</span>
2018 UEHIRO Graduate Philosophy Conference (Honolulu, HI); Five-College Philosophy Conference (Holyoke, MA)

**'Surrender' as a Pervasive, Unifying Theme in Philosophy of Religion** <span style="float:right">October 2017</span>
Eighth Annual Mid-Hudson Undergraduate Philosophy Conference (Poughkeepsie, NY)

## PUBLICATIONS

Ha, YJ. (2022). A. 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. Forthcoming in 2022 ACM Conference on Fairness, Accountability, and Transparency (FAccT '22), June 21–24, 2022, Seoul, Republic of Korea. ACM,New York, NY, USA, 11 pages. https://doi.org/10.1145/3531146.3533091

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

Ha, YJ. (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 Dōgen Zenji: Personhood, Identity, and Self". Forthcoming in 2018 UEHIRO Graduate Philosophy Conference's proceedings.

## AWARDS

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| Fulbright U.S. Student Program - Research Grant Award in South Korea | 2021 |
| 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

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| 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 |