

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, 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

TECHNICAL 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

EXPERIENCE

Fulbright U.S Student

February 2021 - December 2021

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

Identifying the public values reflected in South Korea's National AI Ethics Standards, the degree to which such values stress prevalent South Korean cultural norms, and the process by which the values were debated and incorporated in a way unique to South Korean policy-making.

Research Intern/Assistant

June 2019 - June 2020

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

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 at Smith College

Continued work on legoethical theory re "pacing problem." Research accepted as paper at ETHICOMP 2020.

Honors Thesis

September 2019 - April 2020

Department of Computer Science - 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 - Alicia Grubb, Professor of Computer Science

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

Research Assistant

July 2018 - December 2018

Human Computation & Visualization Laboratory - 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 - 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 - 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.

Litigation Support & IT Assistant

June 2014 - August 2017

Zetlin & DeChiara LLP - James J. Terry, Partner

Used IPRO, Concordance, Relativity, FileSite, and CaseNotebook databases to streamline metadata analysis for attorneys' privilege review. Entered laptop and PC updates into Spiceworks database and contacted vendors.

PRESENTATIONS**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 Dōgen 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, 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

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