

# JUN HO CHOI

+1 (929) 481-2616 ◦ junhoc@uchicago.edu ◦ <https://jtschoi.github.io/>

## EDUCATION

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<b>Columbia University</b>	Chicago, IL
Ph.D. in Sustainable Development	Sep 2022 – Current
<b>University of Chicago</b>	Chicago, IL
Graduate Student-at-Large Program	Apr 2021 – Jun 2022
M.A. in Computational Social Science, Economics Concentration	August 2020
Thesis Advisor: Professor Pablo Peña	
<b>Princeton University</b>	Princeton, NJ
A.B. in Economics, <i>with honors (cum laude)</i>	June 2018
Certificate Program in Statistics and Machine Learning	
Thesis Advisor: Professor Nobuhiro Kiyotaki	

## RESEARCH EXPERIENCE

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<b>Climate Impact Lab (CIL) &amp; Energy Policy Institute, University of Chicago</b>	Chicago, IL
Research Professional, Pre-doctoral Fellow	Sep 2020 – Jul 2022
Supervisors: Professors Solomon Hsiang and Michael Greenstone, and Dr. Ian Bolliger	
◦ Assessing global impacts of 21st century sea level rise and tropical cyclones, and social cost of carbon	
<b>Chicago Experiments Initiative, University of Chicago</b>	Chicago, IL
Part-time Volunteer Research Assistant	Jan 2019 – Mar 2020
Supervisor: Professor John List	
◦ Applications of machine learning with imbalanced data	
<b>Columbia Business School, Columbia University</b>	New York, NY
Columbia Business School Summer Research Intern	May 2019 – Nov 2019
Supervisors: Professors Andrey Simonov and Tomomichi Amano	
◦ Data mining and wrangling for analyzing potential addictiveness of in-game lotteries	
<b>Princeton School of Public and International Affairs, Princeton University</b>	Princeton, NJ
Research Assistant	Feb 2017 – Jun 2018
Supervisor: Visiting Professor Ashoka Mody	
◦ Data analysis and visualization for the book <i>EuroTragedy</i> (2018, Oxford University Press)	

## PUBLICATIONS AND WORKING PAPERS

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- Depsky, Nicholas, Ian Bolliger, Daniel Allen, **Jun Ho Choi**, Michael Delgado, Michael Greenstone, Trevor Houser, Solomon Hsiang, Robert E. Kopp. 2022. “DSCIM-Coastal v1.0: An Open-Source Modeling Platform for Global Impacts of Sea Level Rise.” Preprint available at *EGUsphere*. [Link]
- Peña, Pablo A., and **Jun Ho Choi**. 2021. “Female Representation Among Notable People Born in 1700–2000.” *Economics Letters* 206: 1-4.

## AWARDS, GRANTS, AND FELLOWSHIPS

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Pre-Doctoral Fellowship, Energy Policy Institute at the University of Chicago	Sep 2020 – Jul 2022
Merit-based scholarship (maximum), University of Chicago	Sep 2018 – Jun 2020

## OTHER INFORMATION

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**Programs and Languages**  
Experienced: Python, R, Stata, Matlab, SQL, SPARQL, MS Office, Git, L<sup>A</sup>T<sub>E</sub>X, and Shell Scripting  
Beginner: ENVI, ArcGIS, Julia, Java, Mathematica, HTML, Stan, and Django  
**Languages:** Korean (native), English (fluent), Standard Chinese (basic)