

William Cai

Stanford University
Management Science and Engineering
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Positions Held **Stanford University**

Research Assistant, September 2018 – Present.
Stanford Computational Policy Lab

Microsoft Research New York

Research Assistant July 2017 – August 2018
Computational Social Science Group
Manager: Duncan Watts

Education

Stanford University

Ph.D., Management Science and Engineering, 2018-Present.
Advisor: Sharad Goel
Thesis: (Algorithmic) Decision Making Under Inequality

Yale University

B.S. with distinction, Computer Science, 2017.

Papers

MathBot: A Personalized Conversational Agent for Learning Math

William Cai, Joshua Grossman, Zhiyuan Lin, Hao Sheng, Johnny Tian-Zheng Wei,
Joseph Jay Williams, Sharad Goel
Working paper.

Experience-Driven Peer Effects

William Cai, Johan Ugander
Working Paper.

Fair Allocation Through Selective Information Acquisition

William Cai, Johann Gaebler, Nikhil Garg, Sharad Goel
AIES 2020

Objecting to experiments that compare two unobjectionable policies or treatments

Michelle N. Meyer, Patrick R. Heck, Geoffrey S. Holtzman, Stephen M. Anderson,
William Cai, Duncan J. Watts, Christopher F. Chabris
PNAS 2019

Teaching

Introduction to R, 2019 Stanford Summer Workshop

Awards and
Fellowships

Stanford Graduate Fellowship
2018-2021

Pennapps: Best Use of Spotify API
2015

Technical Skills

Python (Keras, Django), **R** (dplyr), **Javascript** (Node.js, jQuery), **SQL**, **C**,
Java, **LaTeX**