





Sayorn Chin

Ph.D. Candidate
Data Scientist

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Education

Colorado State University

Doctor of Philosophy in Econometrics and Quantitative Economics

Anticipated 2023

Master of Arts in Economics

Dec. 2019

Colorado College

Bachelor of Arts in Mathematical Economics

May 2017

Research Interests

Research Fields

Applied Microeconomics • Health Economics • Public Economics • Development Economics

Topics of Interest

Health Policy • Health and Social Inequality • Longitudinal Data Analysis • Applied Machine Learning

Research

Working Papers

Miller, R., **Chin, S.**, & Sedai, A.K. The Welfare Cost of Late-life Depression 

Work in Progress

Chin, S., & Miller, R. Beyond Income: Health, Wealth, and Racial Welfare Gaps Among Older Americans

Chin, S. Physician Behavior, Tort Reform and Defensive Medicine Revisited: An Investigation of Cesarean Deliveries

Chin, S. Daylight Saving Time Transitions and Expressed Sentiment: Evidence from Twitter

Sedai, A.K., & **Chin, S.** Does Better Fuel Choice Lead to Better Employment? An Analysis by Gender and Caste in India

Honors & Awards

Competition Committee Member, The AFIT-AFEE 17th Annual Student Scholars Award Competition, 2022

Winner of \$300 Prize, The AFIT-AFEE 16th Annual Student Scholars Award Competition, 2021

Awarded \$312,320 in Financial Aid Based on Academic Merit, Colorado College, 2013

Awarded \$80,000 in Financial Aid Based on Academic Merit, The Davis United World College Scholars, 2013

Winner of \$386,114 Prize, Five-Year United World College of South East Asia Cambodian Student Scholarship Competition, 2008

Teaching Experience

Department of Economics, Colorado State University

Graduate Teaching Instructor

July 2020 — Present

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| 2022 | OL | ECON306: Intermediate Microeconomics |
| 2022 | OL | ECON202: Principles of Microeconomics |
| 2021 | OL | ECON460: Economic Development |
| 2021 | OL | ECON306: Intermediate Microeconomics |
| 2020 | RI | ECON304: Intermediate Macroeconomics |
| 2020 | OL | ECON202: Principles of Microeconomics |

Graduate Teaching Assistant

Aug. 2017 — May 2020

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| 2020 | RI | ECON204: Principles of Macroeconomics |
| 2019 | RI | ECON202: Principles of Microeconomics |
| 2019 | RI | ECON204: Principles of Macroeconomics |
| 2018 | RI | ECON204: Principles of Macroeconomics |
| 2017 | RI | ECON202: Principles of Microeconomics |

Conference Presentations

2021 The Western Social Science Association's 63rd Annual Virtual Conference

Professional Affiliations

American Economic Association • American Society of Health Economists

Data Science Employment Experience

Mountain Data Group

Data Scientist

Jan. 2022 — Present

Data Science Intern

May 2021 — Dec. 2021

Other Employment Experience

Colorado College Finance & Administration

Finance Assistant

Feb. 2016 — Jan. 2017

Colorado College Quantitative Reasoning Center

Research Analyst Intern

Jan. 2016 — May 2016

Certifications*

Tools for Data Science • Data Science Methodology • Statistics Essential for Data Science • Programming Fundamental • R Programming for Data Science • Python for Data Science • Python for Data Science, AI Development • Python Project for Data Science • Databases and SQL for Data Science with Python • Data Visualization with Python • Data Analysis with Python • Machine Learning with Python

Software Proficiency

Python Programming • R Programming • MySQL • L^AT_EX

References

Sammy Zahran, Ph.D.
Professor of Demography
Professor of Epidemiology
Department of Economics
Colorado State University
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Colorado School of Public Health
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David Mushinski, Ph.D.
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Ray Miller, Ph.D.
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*For more information about my credentials, please visit: www.credly.com/users/sayorn-chin.