

# Sayorn Chin

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## Education

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### Colorado State University

Doctor of Philosophy in Econometrics and Quantitative Economics *Anticipated Spring 2023*  
Master of Arts in Economics *Dec. 2019*

### Colorado College

Bachelor of Arts in Mathematical Economics *May 2017*

## Research Interests

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### 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

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### 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

## Teaching Experience

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### Colorado State University

#### Graduate Teaching Instructor

July 2020 — Present

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

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

## Data Science Employment Experience

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### Mountain Data Group

#### Data Scientist

Jan. 2022 — Present

#### Data Science Intern

May 2021 — Dec. 2021

## Other Employment Experience

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### Colorado College Finance & Administration

#### Finance Assistant

Feb. 2016 — Jan. 2017

### Colorado College Quantitative Reasoning Center

#### Research Analyst Intern

Jan. 2016 — May 2016

## Honors & Awards

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Competition Committee Member, The AFIT-AFEE 17<sup>th</sup> Annual Student Scholars Award Competition, 2022

Winner of \$300 Prize, The AFIT-AFEE 16<sup>th</sup> 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

## Conference Presentations

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2021      The Western Social Science Association's 63<sup>rd</sup> Annual Virtual Conference

## Professional Affiliations

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American Economic Association, American Society of Health Economists

## Certifications\*

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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

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Python Programming • R Programming • MySQL • L<sup>A</sup>T<sub>E</sub>X

## References

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Professor of Epidemiology  
Department of Economics  
Colorado State University  
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\*For more information about my credentials, please visit: [www.credly.com/users/sayorn-chin](https://www.credly.com/users/sayorn-chin)