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*
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	

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 • LATEX

References

Sammy Zahran, Ph.D.
Professor of Demography
Professor of Epidemiology
Department of Economics
Colorado State University
Department of Epidemiology
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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Chris Slootmaker, Ph.D.
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*For more information about my credentials, please visit: **www.credly.com/users/sayorn-chin**.