

Prasiddha (Sid) Shakya

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EDUCATION

PhD in Economics (*Terminal Masters Awarded 2022*)
Colorado State University (CSU), CO

Aug 2020 - May 2025

B.Sc. in Mathematics, Minor in Economics and Computer Science
Ramapo College of New Jersey (RCNJ), NJ (*Full-Tuition Presidential Scholarship Recipient*)
The American College of Greece (ACG), Athens

May 2020
Cumulative GPA: 3.8/4.00
Study Abroad Student (Fall 2018)

SKILLS

· *Programming/ Scripting language* C++, Python, SQL
· *Others* EViews, STATA, SAS, R, MATLAB, MS Office

RESEARCH INTERESTS

- economics of health and education, environment economics, A/B testing & cost-benefit modeling, market research analysis, psychometric analysis, propensity matching and analysis, public economics

WORK EXPERIENCES

Graduate Researcher Fall 2021-Current
Institute for Research in Social Sciences (IRISS), Colorado State University
Fort Collins, CO

· Working as a Quantitative Researcher for *IRISS* at CSU. Tasks include providing quantitative support (data analysis) for client projects undertaken on an ad-hoc basis. Most common projects include code development for report generation, Social Network Analysis (SNA), designing surveys and causal inference. Softwares used: R, STATA, Python

Graduate Teaching Instructor and Research Assistant Fall 2020-Current
Department of Economics, Colorado State University
Fort Collins, CO

· Instructor for the Summer Math Camp (2022 and 2023). Math Camp is a 12-hour crash-course designed for incoming PhD students in the Economics program to cover the math prerequisites required for the ECON PhD field courses.
· Primary Instructor for CSU's online course ECON 235-Working With Data (Summer 2023). Also taught Python and R as part of this course. Currently teaching Intermediate Macroeconomics (ECON 304).
· Graduate Research Assistant for the *Poverty Action Center (PAC-REDI)* housed within the Department of Economics. Countries of research included Haiti, Ethiopia, and Nepal.
· Teaching Assistant and Recitation in-charge for both Principles and Intermediate Micro/Macroeconomics.

Summer Instructor Summer 2023
TRIO Access Center, Colorado State University
Fort Collins, CO

· Developed and taught a six-week curriculum on Theoretical Physics for CSU's Upward Bound students. Topics included general relativity, Hawking's radiation, quantum physics phenomenon etc. while minimizing the math required to approach these topics.

Summer Associate (Operations Team) Summer 2019
Teach for America (TFA) NYC Institute
Manhattan, NY

· Observed classroom teaching in all four participating schools and conducted surveys each week to analyze the effectiveness of corps members (teachers), School Operations Directors and Mentor Teachers and presented a detailed report on teaching effectiveness at the end of the internship. Created weekly reports on effectiveness of different weekly training sessions conducted by TFA staff by surveying teachers taking part in those modules.
· Responsible for managing the operations budget for the residential part of the Summer program (~\$15000).

Data Analysis Intern Fall 2018
Student Academic Support and Services (SASS), The American College of Greece
Athens, Greece

· Created weekly reports for the SASS department at ACG using Python and R Shiny.
· Report included analyzing courses and subjects with the highest appointment traffic, monitoring the total hours tutors spent tutoring during their office hours, student reviews of sessions etc. Presented an end of semester case study reporting tutor effectiveness and most demanded courses to help SASS plan future course offerings.

Full-Time Teaching Assistant/ Counsellor Summer 2017 and 2018
TRIO Upward Bound Program
Mahwah, NJ

· Teaching assistant for Calculus, App Development (C++), Geometry and Number Sense class. Also responsible for welfare of students. Responsibilities included enforcing program policies, conducting various activities and programs to foster bonding and student development, mediating occasional conflict resolution etc.

UN Global Health Fellow Fall 2017
UN Foundations (UNA-USA)
Mahwah, NJ

· Successfully completed eight webinar sessions on impacts of non-profit grassroots organizations (Shot@Life and NothingButNets) in overcoming global health issue and effective ways to improve impacts of these organizations as part of the 2017 Global Health Fellowship Program. Wrote policy briefs to present to the local state governance in New Jersey and met with the U.S. Representative for New Jersey as part of the fellowship and discussed policies pertaining to supporting grassroots campaigns advocating for better health in the US and globally.