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INDIANA UNIVERSITY BLOOMINGTON

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| Placement Director: Volodymyr Lugovskyy | vlugovsk@iu.edu | 812-856-4594 |
| Placement Coordinator: Elizabeth Bolyard | econgrad@iu.edu | 812-855-8453 |

Office Contact Information:

Wylie Hall 105
100 S Woodlawn Ave
Bloomington IN 47405

Undergraduate and Masters Education:

B.A. in National Economic Management, Renmin University of China, Beijing, China, 2016
M.A. in Behavioral Economics, University of Montpellier, Montpellier, France, 2017

Doctoral Studies:

Indiana University Bloomington, 2017 to present
Ph.D. Candidate in Economics
Thesis Title: "Essays in Economic Growth"
Expected Completion Date: June 2023

References:

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| Professor Bulent Guler (Co-chair) Department of Economics, IUB bguler@iu.edu, 812-855-7791 | Todd B. Walker (Co-chair) Department of Economics, IUB walkertb@iu.edu, 812-856-2892 |
| Rupal Kamdar Department of Economics, IUB rkamdar@iu.edu, 812-855-4203 | Laura Liu Department of Economics, IUB lauraliu@iu.edu, 812-856-1238 |

Teaching and Research Fields:

Primary Fields: Economic Growth, Labor Economics
Secondary Fields: Macroeconomics, Monetary Policy

Teaching Experience:

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| Fall 2022 | Undergraduate Intro to Macroeconomics Head teaching assistant for Prof. James Self |
| Fall 2021 | Undergraduate Fund of Economics for Business II Associate instructor |
| Spring 2020, 2021, 2022 | Graduate Macroeconomic Theory Associate instructor for Prof. Bulent Guler |
| Fall 2018, 2019, 2020, Spring 2019 | Undergraduate Intro to Macroeconomics Associate instructor |
| Spring 2018 | Undergraduate Intro to Microeconomics Graduate assistant for Prof. Gerhard Glomm |
| Fall 2017 | Undergraduate Intro to Microeconomics Graduate assistant for Prof. Paul Graf |

Research Experience:

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| Summer 2021 | Indiana University, Bloomington, Research Assistant for Prof. Todd Walker |
| Summer 2017 | Organisation for Economic Cooperation and Development, Research Intern |

Professional Activities:

Presentations: EEA (2022), SEA (2022)

Honors, Scholarships, and Fellowships:

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| 2020-2021 | Fred & Judy Witney Scholarship |
| 2020-2021 | Witney LeMar Fellowship |
| 2021-2022 | Taulman A. Miller Award |
| Fall 2022 | College of Arts and Sciences Travel Award |

Research Papers in Progress:

“Human Capital Adjustments in the Era of Automation” (Job Market Paper)

Abstract: This paper studies the human capital adaptations to technological revolution since human capital is essential for understanding the changes in labor share, wage premium, and inequality in the era of automation. I develop a theoretical model by introducing heterogeneous workers (skilled and unskilled) and endogenous human capital to a task model framework. First, human capital and automation are racing against each other. Human capital accumulation decreases the automation level and increases the labor share. Second, uneven responses of skilled and unskilled workers amplify inequality, explaining 77% of the wage premium increase. I calibrate the model to fit the data between 1980 and 2005 and discuss the policy implications. Industry and occupation-level data confirm the empirical implications of the model. Automation has a positive effect on overall skill levels and training investment. The responses of human capital to automation of skilled and unskilled workers are significantly different.

“Jobless Recovery and Skill Mismatch”

Abstract: In a business cycle model with search and matching frictions, I explain the slow jobless recovery to be the result of a mismatch between worker skill and firm technology. The mismatch penalty increases the unemployment level and volatility, decreases the labor force participation rate, mainly by increasing the probability of matching failure. I extend the model by allowing workers and firms to adjust their skill and technology level. Endogenous skill and technology amplify the mismatch fluctuation, especially when the return to capital is high and the cost of technology adoption is significantly lower than the cost of training. By calibrating the full model to match the 1987-1993 and 2007-2013 data, I find an increased mismatch level in 2007-2013. Using state-level data, I find that mismatch is vital in explaining the state variation of the unemployment rate and volatility. Unemployment insurance can increase the matching quality. Subsidies to training can decrease the mismatch by reducing the skill mismatch.

“Central Bank Digital Currency in Small Open Economies”