# KODA GURSOY

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## EDUCATION

**Princeton University**, *2022-2026*
- AB Economics
- Overall GPA of 3.99 and Departmental GPA of 4.0

**The Academy for Mathematics, Science and Engineering**, *2018 - 2022*
- SAT: 1570, GPA: 4.1

**Relevant Coursework**
- Strategy and Information (A+)
- Microeconomic Theory I (graduate; current)
- Microeconomic Theory: A Mathematical Approach (A+)
- Macroeconomic Theory: A Mathematical Approach (A+)
- Econometrics: A Mathematical Approach (A+)
- Junior Independent Work (A+)
- Intro to Single Variable Analysis (A+)
- Econometric Applications (A)
- Probability and Stochastic Systems (A)
- Advanced Vector Calculus (A)
- Advanced Linear Algebra with Applications (A)
- Introduction to Machine Learning (A)

## RESEARCH EXPERIENCE

**Princeton Economics Department Summer Research Grant** *Summer 2025 - Present*
- Advised by Professor Faruk Gul
- Researched information aggregation in common-value elections when voters have Rank Dependent Expected Utility preferences.
- Found that with RDEU preferences, information often fails to aggregate due to strong incentives against randomization, unlike the subjective expected utility case in which randomization at a cutoff signal can sustain informative equilibria.
- Extending this work as my Senior Thesis.

**Bleemer Economics Lab at Princeton University**: Research Assistant *January 2024 - Present*
- Advised by Professor Zachary Bleemer
- **Co-author** on the lab's project on wage and promotion gaps among University of California faculty.
- Constructed a 250,000 entry dataset of all academic employees of the University of California system from 2006-2023, including position, department, and salary, to be combined with a historical dataset for use in a longitudinal gender pay/promotion gap project.
- Used a combination web-scraping and LLM structured data extraction approach to aggregate the data from many sources, before implementing a matching protocol in R to generate the final dataset.
- Began analysis of gender-pay gap and gap in tenure rates, using a basic fixed effects model to assess the share of the aggregate pay gap explainable by department, university, position, etc.

**Princeton Economics Junior Independent Work** *September 2024 - April 2025*
- Advised by Professor Adam Kapor
- Authored a paper, "*Can Policies Regulating Information Acquisition Alleviate Statistical Discrimination?*" that complicated the Coate-Loury model of statistical discrimination by allowing employers to select signal structures using Rational Inattention machinery, then testing whether certain interventions could prevent the existence of discriminatory equilibria.

**Research Assistant for Professor Adam Kapor** *Summer 2024*
- Ran Julia simulations for "*College Admissions with Preference Signals and Interdependent Values*," a project combining common value auctions and matching to explore why schools segment markets for students (the "feeder school" phenomenon).
- Explored equilibrium properties in the binary qualification case, testing comparative statics of signal accuracy, equilibrium admission cutoffs, and university payoffs. Endogenized signal accuracy subject to a cost function to examine comparative statics of information cost, equilibrium cutoffs, and payoffs.

## AWARDS AND HONORS

**Economics Department First Junior Prize**: top student in Princeton's economics department. *Fall 2025*
**Phi Beta Kappa Honor Society** early induction (34 students from Princeton's class of 2026). *Fall 2025*
**Shapiro Prize for Academic Excellence:** outstanding academic achievement in first-year. *Fall 2023*

## LEADERSHIP EXPERIENCE

**Princeton University Brazilian Jiu Jitsu**: President and Head Instructor
- Developed curriculum for the club, taught classes, and organized tournaments attended by many competing universities.

**Princeton University Footnotes**: Assistant Music Director and Album Chair
- Directed rehearsals and performances for a semi-professional acapella group.
- Recorded and produced vocals for a 12 track album, *Under Renovation*, released in September 2025.

## TECHNICAL SKILLS

**Programming Languages**: Java, Python, Selenium, Stata, R, dplyr, Julia

**Other Software**: LaTeX