

LUCA D'AMICO - WONG

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Education

Harvard University

AB in Applied Mathematics/Economics (3.97/4.0 GPA)

Cambridge, MA

Sep. 2020 – May 2024

Relevant Coursework (Concentration GPA: 4.0/4.0): Econ 1011A/B (Intermediate Microeconomics & Macroeconomics), Math 25A/B (Theoretical Linear Algebra and Real Analysis), CS 50 (Intro to Computer Science), Stat 111 (Statistical Inference), Stat 185 (Unsupervised Learning), Math 114 (Functional Analysis and Measure Theory), Math 116 (Real Analysis, Convexity, & Optimization), CS 136 (Economics & Computation)

Planned Spring Coursework: CS 124 (Data Structures & Algorithms), Stat 195 (Supervised Learning), Econ 2099A[†] (Market Design), CS91R (Economics & Computation II)

[†] (denotes graduate course)

Research

Research Assistant for Professor Ed Glaeser

Nov. 2021 – Present

Harvard Economics Department

- Conducting literature review and data cleaning/analysis for use in upcoming book on prime-aged male joblessness, written by Edward Glaeser, Larry Summers, and Ben Austin.

Research Assistant for Professor Melissa Dell

Jun. 2021 – Present

Harvard BLISS

- Working with Professor Melissa Dell on leveraging deep learning methods to better understand how media dissemination affects public opinion
- Digitized and merged extensive newspaper ownership data in Stata, helped with image scraping, worked on n-gram model to detect article clusters, conducted further qualitative work for use in sentiment analysis and DPR/classifiers

Research Assistant for Professor Todd Rogers

Mar. 2021 – Present

Harvard Kennedy School/IQSS

- Conducting an extensive literature review on various topics in psychology, economics, communication (attention, time scarcity, procrastination, etc.) for future use in book proposal

Clark Scholar

Jun. 2019 – Aug. 2019

TTU Clark Scholars

- One of twelve high school students selected for an intensive research program at Texas Tech University
- Conducted research with Dr. Magdalena Toda and Dr. Eugenio Aulisa on the elastic energy (squared curvature functional) of planar curves and presented research paper

Teaching

I hosted office hours, prepared review materials, graded assignments, and led sections for the following classes.

- **Econ 1011A – Intermediate Microeconomics: Advanced** (Fall 2021)
- **CS 50 – Introduction to Computer Science** (Fall 2021)

Projects

WiCS (Women in Computer Science) Workshop

Mar. 2021

Co-Director

- Co-created a website at www.wics-workshop.com for an upcoming WiCS workshop aimed at introducing computer science to middle and high school girls (\approx 200 registrants).

Awards

- 2x AIME Qualifier (High Score of 8)

Clubs

- Harvard WiCS Associate Outreach Director

Skills

Programming Languages: Python, R, Stata, C, Java, SQL, HTML/CSS/JS, TeX

Languages: English, Italian, Spanish (Conversational fluency)