

Zahra Thabet

✉ ZTHABET@WELLESLEY.EDU 📧 ZTHAB 🏠 WEBSITE 🔗 LINKEDIN

Education

Wellesley College

CANDIDATE FOR A BACHELORS OF ARTS IN ECONOMICS AND MATHEMATICS — 3.93/4.00 GPA *Expected Graduation May 2022*

Massachusetts Institute of Technology

CROSS-REGISTERED STUDENT — 5.00/5.00 GPA *Spring 2020-Spring 2022*

Work Experience

Economics Department, Wellesley College

Wellesley, MA (Remote)

CASE FELLOW FOR PROF. ERIC HILT

June - Aug 2021

- Characterized the impact of corporate form on NYSE-member firms' ability to raise capital using the paperwork crisis of the late 1960s as an exogenous shock using R, Python, and Stata.
- Tested and deployed machine learning and optical character recognition models to automate conversion of archival data to machine-readable format with Python and AWS.
- Arranged and conducted archival research at the Library of Congress and the National Archives.

Sloan School of Management, MIT

Cambridge, MA (Remote)

RESEARCH INTERN FOR PROF. DEAN ECKLES

March - June 2021

- Estimated the structural effect of node degree on strength of tie in massive social network datasets, building on literature of the phenomena of long range ties within social networks.
- Developed Python code to work on a super-compute cluster to quickly return answers about a massive social network data.

History Department, MIT

Cambridge, MA (Remote)

RESEARCH INTERN FOR PROF. MALICK GHACHEM

Jun - Aug 2020

- Assembled archival, French-language document database and lead the analysis of documents on the history of the Plague of Marseilles and its effect on the silver trade during the 18th century.

Comparative Media Studies Department, MIT

Cambridge, MA

RESEARCH INTERN FOR PROF. LISA PARKS

Sept - Dec 2019

- Analyzed documents received from FOIA requests to Immigration and Customs Enforcement (ICE) to synthesize information on their surveillance practices within a qualitative framework.

Economics Department, Wellesley College

Wellesley, MA

MICROECONOMICS TUTOR/GRADER FOR PROF. ERIN JOHNSON AND PROF. CASEY ROTHSCHILD

Sep 2019 - May 2020

- Tutor for students in Prof. Johnson's and Prof. Rothschild's *Intro to Microeconomics* classes. Held 1-2 sessions a week for students to ask questions on problem sets, review difficult concepts, and study for exams. Connected current literature to concepts reviewed when possible.
- Checked in with students throughout the transition to remote learning and advocated on their behalf for any accommodations or resources they needed.
- Advised students on questions relating to majoring in economics, doing research and finding research jobs, and the state of economics as a discipline.

Space Enabled Research Group, MIT Media Lab

Cambridge, MA

RESEARCH INTERN FOR DR. KATLYN TURNER AND DR. MINOO RATHNASABAPATHY

Feb - Aug 2019

- Created case studies of robotics and energy companies enacting co-creation practices in the Greater Boston area to compare to sibling studies in the European Union.
- Interviewed stakeholders of co-creation facilities in Boston.

Biospheric Sciences Laboratory, NASA Goddard Space Flight Center

Greenbelt, MD

RESEARCH INTERN FOR DR. LAHOUARI BOUNOUA

Jun - Aug 2017, 2018

- Processed and visualized satellite data to characterize how impervious surfaces in United States urban areas effects climate variables.
- Documented procedure for processing and visualizing of data for use by other interns.

Languages and Skills

Programming: Julia, R, Python, Stata, Java, C#, SQL, Bash

Languages: French - Intermediate Level

Software: \LaTeX , ArcGIS, Git, OpenRefine, Tabula, Tesseract, AWS