

Zahra Thabet

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EDUCATION

Wellesley College

Candidate for a B.A. in Economics & Mathematics

GPA : 3.93/4.00 (Major: 4.00/4.00)

Expected Graduation May 2022

Wellesley, MA

Massachusetts Institute of Technology

Cross-Registered Student

GPA : 5.00/5.00

Spring 2020-Spring 2022

Cambridge, MA

WORK EXPERIENCE

Economics Department, Wellesley College

Case Fellow for Prof. Eric Hilt

June - Aug 2021

Wellesley, MA

- Characterized the impact of corporate form on NYSE-member firms' ability to raise capital during the paperwork crisis of the late 1960s 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.

Economics Department, Wellesley College

Microeconomics Tutor/Grader for Prof. Erin Johnson and Prof. Casey Rothschild

Sep 2019 - May 2020

Wellesley, MA

- Tutor for students in two professors' *Intro to Microeconomics* classes. Held 1-2 sessions per week for students to review concepts and problem sets related to the course.
- Advised students on questions relating to majoring in economics and doing research.

Sloan School of Management, MIT

Research Intern for Prof. Dean Eckles

March - June 2021

Cambridge, MA

- Estimated the structural effect of node degree on strength of ties 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

Research Intern for Prof. Malick Ghachem

Jun - Aug 2020

Cambridge, MA

- 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

Research Intern for Prof. Lisa Parks

Sept - Dec 2019

Cambridge, MA

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

Space Enabled Research Group, MIT Media Lab

Feb - Aug 2019

*Research Intern for Dr. Katlyn Turner and Dr. Minoo Rathnasabapathy**Cambridge, MA*

- Created case studies of robotics and energy companies' co-creation practices in the Boston area.
- Interviewed stakeholders of co-creation facilities in Boston.

Biospheric Sciences Laboratory, NASA Goddard Space Flight Center

Jun - Aug 2017, 2018

*Research Intern for Dr. Lahouari Bounoua**Greenbelt, MD*

- Processed satellite data to characterize how the built environment affects the climate.
- Documented procedure for processing and visualizing of data for use by other interns.

WRITING

(Undergraduate Thesis) **Thabet, Z.** 'The Effect of Organizational Form on Broker-Dealers' Outcomes During the Paperwork Crisis,' 2022.

AWARDS

2022 Natalie Bolton Student Prize*Wellesley, MA*

Awarded to the senior economics major designated by her peers as an outstanding economist.

2022 Joseph Lambie Prize for American Economic History*Wellesley, MA*

Awarded for outstanding work in American economic history. Awarded for my senior thesis 'The Effect of Organizational Form on Broker-Dealers' Outcomes During the Paperwork Crisis.'

TECHNICAL STRENGTHS

Programming

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

Languages

French - Intermediate Level

SoftwareL^AT_EX, ArcGIS, Git, OpenRefine, Tabula, Tesseract, AWS