

# Wagih Henawi

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## Education & Coursework

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### Grinnell College

*Bachelor of Arts*, Computer Science and Economics, Statistics Minor  
Cumulative GPA: 3.77

**Grinnell, IA**

Expected May 2022

### Relevant Coursework:

Statistical Modeling  
Microeconomic Analysis

Econometrics  
Data Science

Seminar in International Trade  
Corporate Finance

## Relevant Activities & Projects

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### Grinnell College Pioneer Weekend

*Grinnell College*

**Grinnell, IA**

September 2019, 2020

- Awarded over \$1500 in collaboration with four peers for a startup pitch competition that involved administering and statistically analyzing surveys to gauge customer interest, developing a business plan, and presenting to a panel of CEOs, consultants, and other business professionals.

### LMU International Business Ethics and Sustainability Case Competition

*Loyola Marymount University*

**Los Angeles, CA**

November 2018 - April 2019

- Constructed a plan that guided increased consumption from credit-cards to sustainable markets.
- Aggregated market research to effectively align business objectives with sustainability.

### Climate Change Hockey Stick Analysis (USCLAP 2020F Competition Winner)

*Statistical Modeling*

August 2020 - December 2020

- Researched the effects of improper statistical techniques utilized in the Mann, Bradley and Hughes' (MBH 1998) highly cited climate change model with a team of three peers.
- Developed code in R that simulates the likelihood of falsely obtaining MBH's results.

### Can Money Buy Happiness? Macroeconomic Predictors for Country-Wide Happiness

*Econometrics*

August 2020 - December 2020

- Utilized multiple linear regression and instrumental variables regression to predict the causal effect of macroeconomic factors on a country's reported happiness level with a team of two peers.

## Data and Research Experiences

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### Data Analysis Lab Research Assistant

*Grinnell College*

**Grinnell, IA**

August 2021 - Present

- Assist faculty and students with data analysis and visualization in R, STATA, Python, and SQL.
- Conduct data analysis or related statistical techniques in R for ongoing faculty research.

### Statistics Summer Researcher

*Grinnell College*

**Grinnell, IA**

May 2021 - August 2021

- Created data journalism content to teach students machine learning classification algorithms and ways to validate, optimize, and compare different models, and utilized HTML, PHP, and cPanel to create quiz forms and data posting/retrieval tools using an SQL database.

## Skills

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*Technical Skills:* R (proficient), SQL (proficient), PHP, HTML/CSS, Java, C, Python (novice);  
PowerPoint (proficient), Excel (proficient), STATA (intermediate), cPanel

*Language:* English (native), Egyptian Arabic (conversational speaker), Japanese (intermediate)

*Hobbies/Interests:* Pioneer Capital Investments Club, Track and Field, Personal Finance, Weightlifting,  
Traveling, Trying New Things