

# Wagih Henawi

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## Skills

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

R (proficient), SQL, PHP, HTML, Java, C, STATA, Python

*Software:* Microsoft Office (proficient), PHPMyAdmin, cPanel, RStudio

## Education & Coursework

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### Grinnell College

Grinnell, IA

*Bachelor of Arts*, Computer Science and Economics, Statistics Concentration

Expected, May 2022

Cumulative GPA: 3.77

### Relevant Coursework:

Statistical Modeling

Applied Statistics

Introduction to Data Science

Econometrics

Analysis of Algorithms

Corporate Finance

## Relevant Activities & Projects

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### Grinnell College Pioneer Weekend (2019, 2020)

Grinnell, IA

- Awarded 3<sup>rd</sup> (2019, 2020) place for a startup competition that involved conducting research, developing a business plan, and presenting a business pitch with the collaboration of 4 peers.

### LMU International Business Ethics and Sustainability Case Competition (2019) Los Angeles, CA

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

### Climate Change Hockey Stick Analysis (USCLAP 2020F Honorable Mention)

- Researched the effects of improper statistical techniques utilized in the Mann, Bradley and Hughes' (1998) highly cited 'hockey stick-shaped' graph with a team of peers.
- Created code in R that simulates the likelihood of falsely obtaining hockey-stick shaped graphs.

### U.S. Census Salary Algorithm & Analysis

- Collaborated with a team of peers to create an algorithm in Scheme that utilized modified U.S. Census data to predict the chances of earning over \$50,000 in a year using traits of an individual.

## Other Professional Experiences

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### Statistics Student Researcher

Grinnell, IA

Grinnell College

May - August 2021

- Create statistical applications and content in R used to teach undergraduate level statistics.
- Utilize HTML, PHP, and cPanel to manage and create tools for an SQL database and website.

### Data Analysis Lab Student Mentor

Grinnell, IA

Grinnell College

May - August 2021

- Assist students, staff, and faculty with data analysis utilizing R and STATA.