Wagih Henawi

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Skills

Language: English (native), Egyptian Arabic (conversational speaker), Japanese (intermediate);
         R (proficient), SQL, PHP, HTML, Java, C, STATA, Python
Software: PowerPoint (proficient), Excel, PHPMyAdmin, RStudio

Education & Coursework

Grinnell College   **Grinnell, IA**
Bachelor of Arts, Computer Science and Economics, Statistics Concentration   Expected, May 2022
Cumulative GPA: 3.77

Relevant Coursework:

Statistical Modeling	Bayesian Statistics	Introduction to Data Science
Econometrics	Analysis of Algorithms	Corporate Finance

Relevant Activities & Projects

Grinnell College Pioneer Weekend (2019, 2020)   **Grinnell, IA**
- Awarded 3rd (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

Data Analysis Lab Student Mentor   **Grinnell, IA**
Grinnell College   August 2021 - Present
- Assist faculty and students with data analysis utilizing R and STATA.

Statistics Student Researcher   **Grinnell, IA**
Grinnell College   May - August 2021
- Create content to teach students machine learning classification algorithms and ways to validate, optimize, and compare different models.
- Utilize HTML, PHP, and cPanel to manage and create tools for an SQL database and website.