

# Taurean Hutchinson

## Professional Summary

Data analyst and visualization expert with strong written and verbal communication skills, with a PhD. in Economics from Southern Illinois University and data-analytics certificates from Rutgers University. Career previously in academia, having developed expertise in conducting and compiling research, developing intricate models and analyzing financial performance. 5+ years of experience in data analytics & visualization with extensive training in statistics and programming languages. Advanced knowledge of Python, SQL, Excel, VBA, HTML, STATA. Keen interest in identifying data relationships, statistical modeling, and financial analysis. Ability to interpret large volumes of data and translate into business insights and impactful visualizations. Proficient in working collaboratively in a team environment to ensure optimal results for a user and technology-centered designs.

## Work History

### Susquehanna University - Visiting Assistant Professor

Selinsgrove, PA

08/2017 - 08/2019

- Improved the performance of the students by over 80% using a variety of teaching styles which ranged from short educational clips to tying in everyday examples as they relate to economic concepts.
- Used STATA and Excel, Lectured students from different backgrounds in Finance and Economics and provided timely feedback on their work.
- Successfully demonstrated critical thinking skills by providing consultations, lead and guidance on Economic students' project work.
- Used variety of learning modalities and support materials to facilitate learning process and accentuate presentations, including visual, aural and social learning modalities.

### Southern Illinois University - Graduate Assistant & Instructor

Carbondale, IL

08/2013 - 08/2017

- Lectured the undergraduate college students, developed quizzes, and mentored them.
- Demonstrated proficiency in software packages by writing codes in SAS, Stata and E-views programs to clean, visualize and analyze large sums of data.

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  - [github.com/taureanh](https://github.com/taureanh)
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## Skills

- SQL
  - MongoDB
  - Bloomberg Terminal
  - CSS
  - Finance
  - HTML
  - JavaScript
  - Excel
  - Python
  - STATA
  - Tableau
  - Statistical techniques
  - Forecasting skills
  - Troubleshooting
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## Education

2020

**Rutgers University**

New Brunswick, NJ

**Certificate in Data Analytics and Visualization**

2017

**Southern Illinois University Carbondale**

Carbondale, IL

**Ph.D.:** Economics

- Recognized by the faculty for analyzing statistical data, building economic models and using historical data for forecasting purposes with 100% accuracy.
- Prepared materials for reports, presentations and submission to peer-reviewed journal publications.

**United States Department of Agriculture, USDA - Economic Assistant**  
Washington, DC  
05/2008 - 08/2008

- Assisted Agricultural Economist in determining the impact of education on the economic wellbeing of farm households.
- Researched supporting literature related to the topic and verify sources related to the project.
- Used mathematical formulas, statistical models and analytical techniques to assess information.

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## ***Projects***

**Stock predictor** | <https://stock-predictor1.herokuapp.com>

- Applied machine learning model to help in predicting stock prices
- Built visualization dashboard and interface to show stock prices
- Used JavaScript, HTML, Python, Pandas, CSS, Heroku

**Renewable Energy Dashboard** | <http://18.189.31.33:5000>

- Created visualizations using location data for renewable energy plants
- Built choropleths maps and heatmap showing plant capacity in the US
- Used HTML, JavaScript, Python, Mongo, AWS

**Impact of income tax on happiness** |

[tandfonline.com/eprint/5Gkixm8Ma7pjkhGNCrPD/full](https://tandfonline.com/eprint/5Gkixm8Ma7pjkhGNCrPD/full)

- Considered the level of demonstrated happiness and unhappiness within groups facing an income tax rate and those without
- Extracted data from National Center for Health Statistics (NCHS)
- Performed data cleanup on specific variables
- Used STATA and Excel

2012

**Bowling Green State University**

Bowling Green, OH

**Master of Arts (M.A):** Economics

2009

**South Carolina State University**

Orangeburg, SC

**Bachelor of Science (B.S):** Economics