Your Name

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www.YourWebsite.com

Education

University of Wisconsin-Madison Madison, WI

Double Major: B.S in **Statistics** and **Economics** Graduation: May 2019

- Minor: **Computer Science**

GPA: 3.5/4.0

Skills & Awards

- Experienced in: Python, R, Java
- Proficient in: JavaScript, Stata, HTML, CSS
- Spanish - Full working speaking and writing proficiency (Attended Milwaukee Spanish Immersion School)
- Powers-Knapp Scholar, University of Wisconsin-Madison (Private academic Scholarship)
- Division 1 Track and Field Athlete, University of Wisconsin-Madison
  - *Academic All-Big Ten Honoree || National NCAA Qualifier (400m Hurdles)*
  - ***First-Team D1 All-American*** || *B1G Ten Champion (DMR)*

Experience

Quad Graphics Sussex, WI

Data Scientist and Forecaster *May 2018-September2018*

- Predicted/forecasted trends of business operations using time series forecasting (Programming language R).
- Created forecasting models by cleaning data with "Cooks Distance." Used statistical tests to ensure model assumptions were met. Parameters for ARIMA order were chosen by minimizing AIC and BIC to find most accurate model. Macroeconomic data was web-scraped from FRED used as indicators. Entropy and statistical significance tests completed to find best indicators to further improve model accuracy using external regressors (VARMAX).
- Forecasted manufacturing sales and other time series with 3-6% mean absolute percentage error (MAPE).

Biomedical Data Science Research Program, University of Wisconsin-Madison Madison, WI

Data Scientist for Department of Biostatistics and Medical Informatics *May 2017-September 2017*

- Created an interactive web application enabling the user to interact with the data for better understanding
  - Interact with it now at: **https://dundun.shinyapps.io/shinyswallow/**
- Organized and cleaned patient data to prepare for statistical analysis
- Wrote server and user interface program in R to run a "Shiny" Application

Government Research Intern, MacIver Institute Madison, WI

Fact-checking and Briefing *June 2016-December 2016*

Personal Projects (Live and Online)

Stock Visualizer and Forecaster: ***https://dundun.shinyapps.io/stockForecast/*** *(R/Shiny)*

- Web-scrapes stock data. Decomposes stock time series into 'seasonal', 'trend', and 'random' components
- Uses those components as building blocks to forecast future prices using ARIMA time series forecasting

StockRank: ***www.EpsilonCoding.com*** (Python/Django/R/AWS)

- Allows user to search a stock and displays rankings from various credible sources

Complex Instagram & Twitter Bots (Python/AWS)

- Python Bots that automatically log user in and mass like, follow, and unfollow a chosen niche of users on Instagram and Twitter. Python packages used include: BeautifulSoup, Selenium Web Driver, Pyautogui, Requests, and more.

Biomedical Data interactive web app from 2017 research Internship above: ***https://dundun.shinyapps.io/shinyswallow/*** *(R)*

- Allows user to more easily understand and express complex data by choosing various variables in app

Leadership Experience

Chess Club UW

Founder/President *Fall 2015-Present*

- Recruited 100+ active members since establishment in 2015. Solicit meetings and tournaments for membership

Statistics Club

Executive Board *Fall 2016-Present*

- Organize events to tackle Kaggle challenges and improve student faculty relations

Powers-Knapp Scholar, University of Wisconsin-Madison

Private Academic Scholarship *Fall 2015-Present*

For links to all the live online projects, or to learn more visit www.YourWebsite.com