

CONTACT INFORMATION

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RELEVANT COURSE WORK

- Machine Learning
- Econometrics & Statistics
- Communicating Data Stories
- Data Gathering & Warehousing
- Data Visualization
- Data Analysis
- Data Stewardship
- Linear Algebra
- Calculus I & II & III
- Foundations of Mathematics
- Programming & Problem Solving with Java and C++
- Argument & Persuasion in Social Sciences

CAMPUS AND COMMUNITY INVOLVEMENT

- Omicron Delta Kappa Leadership Honor Society
 - Pi Mu Epsilon Math Honor Society
 - Golden Key International Honor Society
 - Founding Father: Sigma Pi Iota Upsilon Chapter
 - Fraternity Chapter President
- Receiving:
- Grand Council Award
 - Distinguished Chapter Award
 - Grand Chapter Award
 - Silver Standards of Excellence
- 300+ hours of community service:
 - Habitat for Humanity
 - AC Rescue Mission
 - Little League assistant coach
 - Beach and Highway clean ups

REFERENCES

* Available on request *

TECHNICAL SKILLS AND PROJECTS

Languages/Technologies:

- Python / Pandas
- SQL / PostgreSQL
- Javascript / JQuery
- CSS
- HTML
- Ruby
- Docker / Kubernetes
- AWS
- Bash / Linux
- Git
- Power BI
- Keras

Machine Learning:

- Linear Regression
- Logistic Regression
- KNN / K Means
- Neural Networks
- Decision Tress
- Random Forests
- NLP
- LSTM Recurrent NN

Skills:

- Statistics
- Web Scraping
- Data Cleaning
- Website Design
- SEO
- Exp. Data Analysis
- Testing
- Linear Algebra

Select Projects (Full list of projects and descriptions can be found on website YouveGotKale.blog):

- **Regression Analysis of Indego Bikes ride data based on weather**
Using Pandas to load and clean data, Scikit Learn to run simple regression analysis, Keras to run deep regression analysis, Matplotlib to plot results, and Darksky API to read in weather data, conducted exploratory data analysis to identify trends and regression to model number of rides.
- **Baseball Data Visualization website using Plotly Dash**
Loaded historical baseball data, used Pandas to format and create dynamic visualizations on a Plotly Dash webpage for different categories of stats, different player positions, teams, and more.
- **Classification Model for probabilities of NBA players making the Hall of Fame**
Using Python module Beautiful Soup to scrape NBA player and team data from the web, Pandas to clean and format the data, and Scikit Learn and Keras to create logistic classification models of different complexities, found percentage chance of players being in/inducted into the hall of fame.

EDUCATION

Master of Science, Data Science and Strategic Analytics August 2019
 Stockton University; Galloway, NJ
 GPA: 4.0/4.0
 Capstone Project: *Creating Android app to detect and record potholes*

Bachelor of Arts, Economics May 2018
 Minors in Mathematics & Business Studies
 Stockton University; Galloway, NJ
 GPA: 3.81/4.0
 Thesis Topic/Title: *Exploring Health Care Coverage by Firm Size*

EMPLOYMENT

Personal Trainer/Head Trainer May 2019 to Aug 2020
 Retro Fitness
 W. Long Branch, NJ
 Skills Gained: Sales, Leadership, Managing Client Base, Developing Relationships

Math & Physics Tutor October 2015 to May 2016
 Tutoring Center: Stockton University
 Galloway, NJ
 Skills Gained: Explaining technical topics in approachable way

Summer Camp Coordinator/Group Leader June 2013 to August 2018
 Ocean County YMCA
 Toms River, NJ
 Skills Gained: Conflict Resolution, Organizing schedule for team/other employees