Allan.N.Waweru

(470) 209-3566
linkedin.com/in/allan-waweru
Kennesaw, GA 30144
allan.n.waweru@gmail.com
github.com/Allanwaweru

EDUCATION

The University of Georgia. Athens, GA   Expected Graduation: May 2023
- **Major**: B.S in Data Science
- **Honors**: Deans List (3.8 Semester), Hope Scholarship (90% Tuition)

  Relevant Coursework: Software Development, Statistical Programming, Linear Algebra, Applied Regression Analysis, Data Science I, Data Mining (IP), Data Structures (IP), Database Management (IP)

PROJECTS

NBA Salary Prediction
- Built predictive models to predict the ideal NBA player's salary based on their game statistics.
- Used Feature Engineering to identify the variables that stood to correlate the most with salary i.e., Points, Assists, Rebounds, Minutes, Age.
- To understand the efficiency of the models, the R-Squared values for each of the models were:
  - Random Forest Regressor: 61.4% | K-Nearest Neighbor: 61.8% | Linear Regression: 40.4%

Formula 1 Exploratory Data Analysis
- Exploratory data analysis comparing performances of Lewis Hamilton and Max Verstappen at Abu Dhabi Grand Prix.
- Used the web-scraper-Beautiful Soup to parse the HTML data of the F1 webpage into a more readable format.
- Plotted visuals from the discovered race insights with seaborn, matplotlib and Plotly.

PROFESSIONAL EXPERIENCE

A.DUB SNKRS, *E-commerce Sneaker Retailer*   February 2020 - Present
- Managing sneaker bots with support of various proxies to allow for bulk sneaker check-outs.
- Implementing cloud server infrastructure using Amazon's EC2 service to maintain scalability.
- Successfully grown this start-up to $5,500 gross in sales over initial year.
- Delivering high-quality customer service, with 2 eCommerce sites combining for a 90% positive feedback rating.

Cosmic Delivery Service, *Delivery Driver*   May 2020 - Present
- Delivering orders within an optimal period, ensuring the freshness of food and respecting customer preferences.
- Communicate clearly with customers and food service employees.
- Verify orders before each delivery and maintain a detailed, comprehensive delivery log.

Kennesaw State University Bookstore, *Associate*   December 2019 - August 2020
- 1 of 4 students responsible for implementing *Foxtrot RPA* to streamline unstructured employee data from payroll.
- Prepared attendance reports and aided in processing payroll for bookstore staff.
- Increased the annual productivity of the payroll department by 15%, saving an additional $7,500.

RELEVANT EXPERIENCE & INVOLVEMENT

Association for Computing Machinery, *Member*, Athens, GA   October 2020 – Present
- Accepted as 1 of 25 to UGA's organization that prepares students for careers in computer science related fields.
- Discuss various topics such as big-data analytics, bioinformatics, A.I at weekly meetings, enhancing debate skills.
- Volunteer at various high schools educating the youth of the many opportunities available in Computer Science.

YMCA Summer Camp Counselor *Volunteer*, Acworth, GA   May 2020 – July 2021
- Facilitated daily arts and crafts projects for a group of 27 elementary school aged campers.
- Encouraged individual personal development through positive reinforcement and supportive environment.
- Voted "Favorite Camp Counselor" by campers in 2020 summer session.

SKILLS

- Programming Languages: Python (NumPy, SciPy, Pandas, TensorFlow, Keras), Git, R, SQL(intermediate), Tableau
- Machine Learning: Classification, Regression, Feature Engineering, Data Scraping (see projects)
- Statistics: Hypothesis testing, Regression, Confidence Intervals, Basic Probability Theory
- Soft Skills: Effective Communication, Self-Starter, Adaptability, Intellectual Inquisitiveness, Business Acumen

CERTIFICATIONS

KPMG Data Analytics Consulting Virtual Internship, Google's Data Analytics Certification (IP)

INTERESTS

Basketball, Formula 1, Working out, Sneaker fashion, Mindfulness