

Kamari Trotz

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EDUCATION

The University of Maryland, College Park | College Park, MD

B.S. in Computer & Information Science

May 2024

Certifications: AWS Cloud Practitioner, IC Agile Certified Professional, CompTIA Security+

Division I Track & Field Athlete: 5x BIG Ten All-Academic Team, Student-Athlete Advisory Committee (SAAC) Representative, 4th and 5th all-time in school history (60 meters and 100 meters)

PROFESSIONAL EXPERIENCE

Technology Analyst | Accenture Federal Services | Arlington, VA

Sep 2024 – Present

- Served as functional support between clients and system/application teams, ensuring seamless communication and resolution of technical issues.
- Collaborated with client stakeholders to identify opportunities for system optimization and recommend actionable strategies to enhance overall efficiency.
- Implemented the Software Development Life Cycle to ensure functionality, reliability, and compliance of new application releases.

Data Analytics Intern | Home Depot | Remote

May 2024 - July 2024

- Developed an in-depth solution to recategorize job profiles, ensuring alignment with the appropriate business units, and improving organizational structure and reporting accuracy.
- Used SQL queries with Common Table Expressions (CTEs) and subqueries to manipulate complex data, improving accuracy and efficiency.
- Wrote advanced Excel formulas to dynamically populate fields, streamlining data entry and reporting processes.
 - Recategorized over 4500 people to improve accurate categorization by over 30%.

Data Science Intern | CareFirst | Remote

Sep 2023 - Sep 2024

- Developed essential data processing skills using SQL and Alteryx to assess the costs associated with heat and air-quality-related illnesses among commercial members in the DC, Maryland, and Virginia areas.
- Created an internal dashboard in Power BI to track ticket assignments across the team, enhancing visibility and improving team productivity.
- Developed Python scripts automating Excel tasks, significantly reducing manual workload and increasing efficiency.
 - Resulted in an Increase in team productivity by 25% and reduced data processing time by 30%.

PC Analyst Intern | National Academies | Washington, DC

Jun 2023 - Aug 2023

- Led the organization in implementing solutions for prevalent software issues associated with its membership database.
- Utilized BI tools (PowerBI, Excel) to develop weekly dashboards on incoming requests/issues presented by members.
 - Resolved 250+ incidents with a 95% first-call success rate.

PROJECTS

[NCAA Track & Field Simulator](#) | Python/Selenium/SQL

May 2024 - Jun 2024

Developed Python scripts utilizing the Selenium library to automate the extraction of the top 12 results from each regional meet (East and West) for 21 different track and field events from the TFFRS website. Performed thorough data cleaning and processing, including converting all wind-aided marks to eliminate bias, to ensure the accuracy and reliability of the extracted data. Analyzed the data to identify the top 8 marks in each event scored at the NCAA championships, assigning their relative point values. Queried team scores to aggregate and rank performance metrics.

TECHNICAL SKILLS

Programming Languages: Python (Matplotlib, Seaborn, Sklearn, Tensorflow)R (dplyr, tidyr, ggplot2, shiny), SQL, Java, HTML, CSS, JavaScript (React.js, Node.js)

Frameworks & Tools: Git, Jupyter, Selenium, PowerBI, Tableau, AWS services, Snowflake, Microsoft Office