Damian Rusek

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SUMMARY

Data-driven problem solver with experience creating predictive models and interactive dashboards in Python, SQL, and Tableau. Skilled in data cleaning, feature engineering, and exploratory analysis to deliver actionable insights. Looking for a Summer 2026 internship to apply analytics skills to real-world challenges.

EDUCATION

Kean University   **Union, NJ**
Bachelor's of Science, **Data Science**   September 2023 - Present
- Dean's List: Fall 2024, Spring 2024, Spring 2025 | GPA: 3.6/4.0
- Relevant Coursework: Foundation of Computer Science, Computer Programming, Data Structures, Discrete Structures, Computer Systems, Applied Statistics, Big Data Computing, Linear Algebra.

TECHNICAL SKILLS

- **Programming / ML:** Python, R, SQL, Java
- **Data Tools & Visualization:** Tableau, Excel (PivotTables, formulas), pandas
- **DevOps/ CI/CD:** Git/GitHub, Docker, Jenkins, NGINX, Kubernetes
- **Concepts:** Data Structures, Machine Learning, ETL, Workflow Automation
- **Certifications:** [Google Data Analytics (v2)](#), Google Advanced Data Analytics (In Progress), CITI [SBE](#) & [Humanities](#) | 2025–2028
- **Languages:** English (Native), Polish (Fluent)

PROFESSIONAL EXPERIENCE

Webbertech Technologies LLC   **Long Hill, NJ**
Programming Analyst / Dev Ops Engineer | Internship   March 2025 - Present
- Evaluated coursework from 100+ students across multiple programming courses.
- Automated grading and workflow scripts to improve efficiency.
- Contributed to multi-university Agile software projects, improving collaboration and reporting.
- Deployed and managed CI/CD pipelines (Docker, Jenkins, NGINX).
- Configured and monitored Kubernetes clusters and Nexus artifacts.
- Documented processes in GitHub to improve team collaboration.

Amazon   **Carteret, NJ**
FC Associate I   December 2024 - Present
- Maintained 230+ packages/hour while optimizing packing workflows.
- Investigated inventory discrepancies and assisted in troubleshooting technical issues.

PROJECTS

Fighting Fit – MMA Fight Outcomes Prediction | Python, MySQL, Tableau
- Cleaned, standardized, and merged 6,500+ UFC fight records for predictive modeling.
- Engineered features (height_diff, reach_diff, age_diff, takedown metrics) to enhance model performance.
- Trained RandomForestClassifier to predict fight outcomes.
- Designed MySQL database and ETL scripts for structured analysis.
- Built Tableau dashboards visualizing physical advantages, betting odds, and fighter comparisons.

NYC Subway Delay Prediction & Analysis | Python, SQL, Tableau, TensorFlow
- Developed hybrid LSTM+BERT model to predict subway delays using GTFS-RT, weather, and social sentiment.
- Engineered time-based, weather, and sentiment features to improve predictive accuracy.
- Conducted feature importance analysis using SHAP to quantify top factors affecting delays.
- Created Tableau dashboards highlighting delay hotspots, temporal trends, and weather correlations.
- Showcased advanced predictive modeling and multi-modal data integration for real-world applications.