

ARTUR KUMIK

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github.com/artkumik | artkumik.github.io/about-me/

PROFESSIONAL SUMMARY

Third-year Data Science major at the University of Florida with a strong foundation in programming (Python, R, Pandas, TensorFlow) and analytical methodologies including machine learning, data visualization, and business analytics. Proven ability to apply these skills through hands-on academic projects and collaborative coursework to deliver data-driven insights.

EDUCATION

University of Florida

Bachelor's, Data Science

August 2023 - May 2027

GPA: 3.73

- Minor: Statistics
- Relevant Coursework: Programming With Data in R, Regression Analysis, Computational Linear Algebra, Applied Discrete Structures, Data Structures and Algorithms, Introduction to Statistics Theory, Linear Algebra for Data Science, Intro to Probability, Programming Fundamentals I & II, Statistics I & II, Calculus I, II & III
- Clubs & Activities: Data Science and Informatics Club, UF Statistics Club, UF Computing Student Union

CERTIFICATIONS

Fundamentals of Deep Learning from NVIDIA

Building Transformer-Based Natural Language Processing Applications from NVIDIA

SQL Essential Training from LinkedIn

Power BI Essential Training (2024) from LinkedIn

PROFESSIONAL EXPERIENCE

University of Florida

Undergraduate Researcher

Gainesville, FL, USA

January 2025 - Present

- Researcher at the Modern Artificial Intelligence and Learning Technologies (MALT) Lab under Dr. Sanjay Ranka
- Used SLURM on both UF and UVA HPC systems to train a Darknet YOLO v4 model for near miss detection
- Presented work at the Undergraduate Research Symposium at UF.

Hydrodisc

Cofounder

Palm Harbor, FL, USA

October 2021 - Present

- Developed a mobile-integrated device that helps customers monitor their water consumption, improving health and well-being through real-time reminders designed to reduce dehydration.
- Awarded First Place in the NGT 360 Competition during the 2022-2023 season, securing a grant of 10,000 dollars.
- Presented our solution to Kevin Harrington and other industry leaders at Raymond James.

SCC Soft Computer

Intern

Clearwater, FL, USA

May 2025 - August 2025

- Provided remote technical support and troubleshooting for critical Laboratory Information Systems (LIS)
- Resolved interface issues on both Linux and Unix-based LIS platforms via remote connection.

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Achieva

Intern

Dunedin, FL, USA

May 2022 - July 2022

- Processed deposits, withdrawals, and other transactions
- Greeted customers and assisted with bank-related inquiries
- Created a positive customer experience through quick and efficient service

PROJECTS & OUTSIDE EXPERIENCE

Tic Tac Toe Reinforcement Learning

June 2025 - August 2025

- From scratch creation of a Reinforcement Learning Algorithm to play Tic Tac Toe
- Accompanying Pygame game that allows the player to play against the AI or another local player
- Used Pandas, Pygame, and NumPy
- [Link to project](#)

London Weather Analysis

June 2025 - August 2025

- Time series prediction of average temperature in London giving other weather components (date, precipitation, pressure, etc.)
- Implemented a Regression Tree analysis and Ada Boosted Decision Tree with 0.79 R squared value
- Used Pandas, NumPy, seaborn, SciPy, Matplotlib, and sklearn
- [Link to project](#)

SKILLS

Programming & Libraries: Python, SQL, Power BI, R, pandas, Pytorch, Tensorflow, Linux/Unix, Slurm, Docker, HTML/CSS, Java

Analytical & Methodological Skills: Data Analysis, Machine Learning, Deep Learning, Data Visualization, Business Analytics, Excel, Statistics

Languages: Polish, English