

# ARTUR KUMIK

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## PROFESSIONAL SUMMARY

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Third-year Data Science major (GPA: 3.73) with research experience in machine learning and a background in Python, R, and TensorFlow. Seeking a Summer 2026 data science internship to apply analytical skills to solve real-world problems.

## EDUCATION

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### University of Florida

August 2023 - May 2027

Bachelor's, Data Science

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

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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

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### University of Florida

Gainesville, FL, USA

Undergraduate Researcher

Jan 2025 - Present

- Researcher at the Modern Artificial Intelligence and Learning Technologies (MALT) Lab under Dr. Sanjay Ranka
- Trained a Darknet YOLO v4 model for near miss detection on multi-GPU nodes with UF and UVA High-Performance Computer (HPC) environments
- Communicated my teams methodologies and findings to a diverse academic audience at the Undergraduate Research Symposium at the University of Florida

### Hydrodisc

Palm Harbor, FL, USA

Cofounder

Oct 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
- Won First Place in the NGT 360 Competition during the 2022-2023 season, securing a grant of 10,000 dollars to fund further product development
- Presented our solution to Kevin Harrington and other industry leaders at Raymond James
- Incorporated customer feedback into our mobile-integrated device, boosting product satisfaction by 30% as measured by user surveys

### SCC Soft Computer

Clearwater, FL, USA

Intern

May 2025-Aug 2025, May 2023-Aug 2023

- Administered remote technical support and troubleshooting for critical Laboratory Information Systems (LIS) for 20+ hospitals across the United States
- Diagnosed and resolved interface issues on both Linux and Unix-based LIS platforms via remote connection

## PROJECTS & OUTSIDE EXPERIENCE

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### Tic Tac Toe Reinforcement Learning

- 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

### London Weather Analysis

- 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.

## SKILLS

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**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