Adam Wojtulewski

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EDUCATION

Master of Science in Computer Science | Herbert Wertheim College of Engineering *Expected December 2025*
University of Florida, Gainesville, FL
- **3.90/4.00** GPA earned through Combination Degree Program and full-time master's program.

Bachelor of Science in Computer Science | Herbert Wertheim College of Engineering *2021-2024*
University of Florida, Gainesville, FL
- Graduated **Summa Cum Laude** with a final GPA of **3.95/4.00**.

CERTIFICATIONS

- **UF AI Fundamentals and Applications Certificate**
- **NVIDIA Deep Learning Fundamentals DLI Certificate**
- Microsoft Office Specialist Bundle

LANGUAGES

- Native proficiency in English
- Native proficiency in Polish
- Professional working proficiency in Spanish

WORK EXPERIENCE

Software Engineer Intern | SCC Soft Computer *May 2025 – July 2025*
- Implement programming solutions in CSS, Java, and TypeScript, JavaScript, within frameworks like Vue.js, and Wildfly for new applications being developed within EPE to improve internal processes in SCC.
- Collaborate with Oracle engineers to integrate Oracle Machine Learning models into SCC's SoftESB IDE.
- Modernize user interfaces by redesigning form layouts and components to align with current UI/UX standards.

AI Engineer Intern | MNX.AI *May 2024 – June 2024*
- Implemented a logging system using the **SQLAlchemy** Python Library to record every prompt generated by Google models utilized along with key statistics such as the duration of the runs in **Cloud SQL** for **MySQL**.
- Automated the generation of styled Excel spreadsheets and summarizations for model outputs using Python.
- Engineered prompts leading to a 5% improvement in the performance of question answering prompts.

Research Trainee | Moffitt Cancer Center Department of Machine Learning *May 2023 – May 2024*
- Wrote a (now-**published**) **review article** about uses of AI on peritoneal metastasis to gastrointestinal cancers.
- Wrote elaborate functions to automate data pre-processing and data training processes for ML pipeline in **Python**.
- Applied the **Scikit Learn**, **Tensorflow**, **Keras**, and **AutoKeras** Libraries to build K-Means Clustering, Random Forest Classification and Regression, and Neural Networks Models, to identify colorectal cancer data trends.
- Presented at the **EMERGE Seminar** on August 16th at the Moffitt Cancer Center Campus in Tampa.
- Authored poster for the 2nd Annual Moffitt Quantitative Science Division Oktoberfest Scientific Meeting.

SOFTWARE PROJECTS

Metal Release Tracker Telegram Bot | Personal Project *December 2024 – Present*
- Developed a **Python** script that **scrapes** upcoming metal releases **daily** with **Beautiful Soup** at 7:30AM, stores these changes in an **SQLite DB**, and sends notifications to my phone via the **Telegram Bot API,** running on a **Raspberry Pi 2 Model B**.

TablerEnabler (App) | UF Senior Project *August 2024 – December 2024*
- Set up the backend table schemas in **MongoDB** and wrote most of the endpoints that were used by frontend.
- Designed and developed the search, organization profile, favorites, map-view, and system-admin pages in **React**.

Dynamic Visualization App for Random Forest Models | UF Honors Thesis Project *August 2024 – December 2024*
- Created a dynamic visualization application for studying groups of Random Forest decision trees in **Python** using libraries like **Plotly**, **Dash**, and **Scikit Learn**.

Worldlier (Social Media) App | Introduction to Software Engineering Semester Project *January 2023 - May 2023*
- Developed the backend for a social media web application using **Golang**, **SQL**, **RESTful API, and MySQL** that allows users to network and meet other users from foreign countries of interest.
- Performed **70 user interviews** over the course of the project to obtain user feedback and adjust plans accordingly.

INVOLVEMENT

President | University of Florida Polish Student Association *April 2023 – Present*
- Plan, coordinate, and supervise **all POLSA events** and manage and oversee funds.
- Started initiative to host virtual language sessions with students from the University of Warsaw in Poland.

Member | University of Florida Society of Software Developers *September 2022 – Present*
- Work with peers to learn about important tools used by programmers, such as GitHub.

AWARDS

- University of Florida Dean's List
- National Honor Society
- Florida Bright Futures Academic Scholars Award
- Florida Seal of Biliteracy
- Florida Department of Education Merit Designation