

Gerardo L. Wibmer

gerardowibmer@gmail.com | +1 (315) 766 -7504 | Naples, FL
[linkedin.com/in/gwibmer](https://www.linkedin.com/in/gwibmer) | [gerardowibmer.bio](https://www.gerardowibmer.bio)

EDUCATION

Master of Science in Computer Engineering

University of South Florida | Tampa, FL

Aug 2023 - Dec 2024

GPA: 3.83

Bachelor of Science in Computer Science

University of South Florida | Tampa, FL

Aug 2020 - May 2023

GPA: 3.45

Relevant Coursework: Natural Language Processing, Computer Vision, Deep Learning, Secure Coding, Data Structures, Analysis of Algorithms, Computer Architecture, Database Design.

PROFESSIONAL EXPERIENCE

Data and Research Analyst | Zweig Group | Naples, FL |

Jan 2025 – Present

- Built an in-house survey platform to collect data across 11 industry reports in the AEC sector, replacing SurveyMonkey and saving the company \$30,000 annually.
- Applied NLP techniques to fine-tune models for sentiment analysis and classification of open-ended survey responses.
- Developed an M&A web app allowing smaller AEC firms to buy and sell companies based on demographic and industry data.

Data and Research Intern | Zweig Group | Tampa, FL |

May 2024 – Dec 2024

- Built ETL pipelines to extract, transform, and load survey data, automating the generation of reports delivered to AEC industry clients.
- Developed a sentiment analysis system by fine-tuning a GPT model to classify open-ended employee responses, providing companies with deeper insights into workforce engagement.
- Designed and integrated a UI within the internal platform to display sentiment results, enabling intuitive interpretation of employee feedback at scale.

Research Assistant | TKAI USF | Tampa, FL |

Aug 2023 - Dec 2024

- Collected and cleaned 140,000 insurance calls, created new variables, and used sentiment analysis and statistical methods to study how an AI note-taking tool affects agent behavior.
- Set up a controlled experiment where a Retell AI agent simulated the customer side of calls, and hired participants through Prolific to act as agents, comparing behavior with and without AI present.
- Built a UI to run the simulation, keeping data collection consistent across all participants.

SKILLS

Programming languages: Python, C++ , SQL, JavaScript, HTML, CSS

Operating Systems: Windows, Mac, Linux

Technologies/ Environment: Pythorch, Pandas, Docker, Postgres, Google Colab, Jira, Git

Languages: Native in Spanish

KEY PROJECTS

Pickleball Coaching App (Side Project)

Jan 2025 – Present

- Architected a full-stack coaching platform using Django and React, featuring coach/client dashboards, goal tracking, and structured lesson plan management.
- Designed and implemented a goals completion system with progress tracking, enabling coaches to assign and monitor player development over time.
- Built a video analysis workflow allowing coaches to annotate and review player footage, supporting data-driven feedback for skill improvement.

AWARDS AND CERTIFICATIONS

- IBM Applied Artificial Intelligence Certificate (6 Courses)
- Lemoyne College, DI Athletic Scholarship Award

Issued June 2023

August 2018 – May 2020

LEADERSHIP AND AFFILIATIONS

- **Division I Student Athlete**, Lemoyne College Men's Tennis

August 2018 – May 2020