Jacomo Corrieri

Jacksonville, FL 32205 • (904) 627-5538 • jacomocorrieri@gmail.com • Jcorrieri on GitHub

OBJECTIVE

Seeking to explore advanced topics in computing through graduate studies, with a particular focus on machine learning.

EDUCATION

University of North Florida, *Jacksonville, FL*
B.S. in Computing and Information Sciences, Computer Science
College of Computing, Engineering & Construction
Institutional GPA: 4.0
Anticipated Spring 2025

Sungkyunkwan University, *Seoul, South Korea*
International Exchange Program, Data Science
Semester GPA: 4.0
Spring 2024

WORK EXPERIENCE

Avondale United Methodist Church
Web Designer / Webmaster   *Aug 2019 – Present*

- Designed a website using vanilla HTML, CSS, and JavaScript at age 15
- Ensure web content and documents are up-to-date and accessible
- Created a password-protected dynamically loaded pictorial directory with PHP

River and Post Restaurant
Busser   *Nov 2020 – July 2021*

- Engaged with customers and worked alongside front-of-house staff

RESEARCH

Machine Learning with Graphs
Directed Independent Study   *Jul 2024 – Dec 2024*

- Machine Learning fundamentals, PyTorch Geometric library, Graph Neural Networks (GNNs)
- Report on Using GNNs for Multi-Robot Exploration with continuous connectivity constraints

Research in Graph Neural Networks for Multi-Robot Systems
Directed Independent Study   *Jan 2025 – Present*

- Implemented preliminary reinforcement learning framework using PyTorch, Ray RLlib, Gymnasium.

SKILLS

- *Python, Java, C, HTML, CSS, JavaScript, ASM*
- *PyTorch, Scikit-Learn, FastAPI, NextJS, ReactJS*

PROJECTS

- Raspberry Pi Interface (Java, CSS, Bash, Linux)
- 'Aeroatlas' Trip Planner (Python, CSS, ReactJS, NextJS, FastAPI, Git) – University Team Project
- UNF Mock Database (Java, SQL, Oracle SQL Developer)
- MIPS Converter (MIPS ASM, Java)

ADDITIONAL ACTIVITIES

- Placed 2/50 teams (2nd) in the Fall 2024 UNF NestforAwhile Programming Challenge with only 2/3 teammates
- Hicks Honors College, Phi Kappa Phi Honor Society, Ultimate Frisbee Club at UNF
- CT Band Club and 'Koreans and Foreigners Talking in English' (KITE) Club at SKKU