Jacomo Corrieri

(904) 627-5538 • jacomocorrieri@gmail.com • Portfolio • GitHub • LinkedIn

EDUCATION

University of Florida, *Gainesville, FL*
M.S. in Computer Science
Anticipated Spring 2027

University of North Florida, *Jacksonville, FL*
B.S. in Computing and Information Sciences, Computer Science
Minors in Mathematics and International Business
GPA: 3.99/4.0
Graduated Spring 2025

SKILLS

Python, Java, C, HTML, CSS, JavaScript, ASM, PyTorch, Gymnasium, Scikit-learn, Tailwind CSS, Git, Unix CLI

PROJECTS

Multi-Robot Exploration with Deep Reinforcement Learning
- Built a DRL framework in PyTorch using MAPPO, PettingZoo, and Ray RLlib
  for multi-agent map exploration under communication constraints.
- On a 12×12 obstacle grid, agents achieved full coverage in 120 steps while maintaining >97% connectivity
  (avg. 2.63 steps disconnected) over 30 episodes; 100% connectivity was achieved in multiple seeds.

AeroAtlas Travel Planner
- Built a full-stack itinerary planner (Audience Choice Award, UNF Symposium) with FastAPI, Next.js/React.js,
  and TailwindCSS, supporting user-generated trips, images, flights, and packing lists.
- Designed and implemented backend APIs and front-end UX for a dynamic itinerary page using FastAPI and
  React; led integration of multiple services in a 5-person Agile team using GitHub and sprints via teamplate.io.

Desktop Interface for Raspberry Pi
- Built a JavaFX desktop app with file manager, terminal access, GPIO viewer, and real-time
  resource monitoring using multithreading and persistent settings, using CSS for styling.

WORK EXPERIENCE

Avondale United Methodist Church
Web Designer / Webmaster   Aug 2019 – Jun 2025
- Collaborated with trustees and staff to define design and content requirements.
- Implemented a secure, PHP-based pictorial directory with password protection for 20+ users.
- Maintained weekly bulletins and announcements via SFTP to ensure timely site updates.

River and Post Restaurant
Busser   Nov 2020 – July 2021
- Delivered attentive customer service in a fast-paced environment, ensuring smooth
  coordination with front-of-house staff.

ACTIVITIES AND AWARDS
- Studied AI & Data Science during a semester exchange program at SKKU (Seoul, South Korea)
- 2nd Place, Fall 2024 UNF NestforAwhile Programming Challenge (50 teams)
- Hicks Honors College, Phi Kappa Phi Honor Society
- Member: UNF Ultimate Frisbee Club, SKKU CT Band & KITE Clubs