Jacomo Corrieri

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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, Tailwind CSS, Git, Unix CLI, SQL, ASM, PyTorch, Gymnasium, Scikit-learn

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 25×25 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.

Raspberry Pi Dashboard
- Built a custom dashboard interface for the Raspberry Pi 4B using JavaFX with real-time system metrics, multithreading, terminal access, file manager, a GPIO control panel, and CSS-styled UI.

WORK EXPERIENCE

Avondale United Methodist Church
Web Designer / Webmaster   *Aug 2019 – Jun 2025*
- Designed, coded, and maintained the church website using HTML, CSS, JavaScript, and PHP.
- Collaborated with trustees and staff to define design and content requirements.
- 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