

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 12x12 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