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# Pieter Alley

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## EDUCATION

**B.S. Computer Science** – *University of Florida, College of Engineering*

July 2022 - May 2026

- GPA: 3.23
- Artificial Intelligence Fundamentals Certificate
- Relevant Coursework: Machine Learning Fundamentals (EEL4773), Intro to Software Engineering (CEN3031), Signals & Systems (EEL3135), Data Science for ECE (EEL3850)
- Relevant Technologies: Python, C++, JavaScript, HTML/CSS, Tailwind CSS, Electron-React, Jupyter Notebook, Tensorflow, Wordpress, Pytorch, Github, GitKraken

## STUDY ABROAD

**UF in Ghana: UI/UX Design & Software Engineering Internship** – *Accra, Ghana*

Summer 2024

- Collaborated with a local non-profit to revamp and design a web presence tailored to the needs of the organization, considering varied levels of digital literacy.
- Developed an app and created a handoff document to ensure continued use and maintenance of the organization's digital assets, preparing the organization for future digital growth.
- Conducted user research and usability testing in a cross-cultural context, improving product design and functionality.
- Technologies used: WordPress, HTML, CSS, JavaScript, React, Electron, GitHub, GitKraken.

## JOB EXPERIENCE

**Certified Trainer** – *Chipotle, Tampa/Gainesville, FL*

September 2020 - May 2024

- Successfully cross-trained in every operational role, including cashier, line cook, prep cook, and kitchen manager, demonstrating adaptability and the ability to excel in diverse responsibilities.
- Consistently upheld Chipotle's commitment to sustainability, quality ingredients, and a positive work culture.
- Trained new team members in various roles, sharing knowledge and best practices enhancing overall team performance.

**Walk-Around Camp Counselor**– *Chanco on the James, Spring Grove, VA*

Summer 2023/2024

- Lifeguard Certified, First-Aid Certified, and CPR Certified.
- Supervised 300+ kids over the course of the summer utilizing basic development principles including positive behavior management, empowerment of youth, and respect for diversity.
- Guided campers in skill-building activities and facilitated educational workshops, promoting personal growth and development.

## PROJECTS

**Happy Campers:**

December 2023

A camping trip itinerary creator implemented entirely in C++, leveraging data on thousands of American campsites to generate personalized trip plans.

- Implemented algorithms to generate optimized travel routes and process databases into readable itineraries.
- Integrated amenity, pricing, and location details into the generated itineraries
- Designed a command-line interface for seamless user interaction and customized trip planning.
- Utilized data structures and algorithms to enhance performance and efficiency.