

Henry P. Matthews

Tampa, Florida

Phone: (813) 375-1706 | Email: matthewshenry24@gmail.com

LinkedIn: www.linkedin.com/in/henry-matthews-6258a328b

EDUCATION

University of Florida, Gainesville, Florida

Major: Computer Science

Expected Graduation: December 2025

Relevant Coursework:

- Competitive Programming
- Data Structures and Algorithms
- Software Engineering

EXPERIENCE

TARGET INTEGRATION, Dublin, Ireland

ERP Software Developer Intern, June 2024 – Aug 2024

- Developed and customized business applications for the Odoo ERP system using Python.
- Assisted in migrating client code from legacy Odoo versions to modern ones.
- Tailored enterprise modules to best align with specific business needs and optimize employee performance.
- Designed custom webpages and generable PDF reports with XML.

BROWNS CANYON RAFTING, Buena Vista, Colorado

Whitewater Raft Guide, May 2023 - Aug 2023

- Guided customers down class III-IV rapids.
- Put into practice extensive discipline, teamwork, and communication skills.

PROJECTS

“FEEDS” Food Bank Database Application

- Led frontend and backend development using HTML, CSS and JavaScript and developed MySQL Database
- Served as Project Manager, made majority of design decisions for the team and led Weekly Scrum

Whitewater Rafting Management System (“WRMS”)

- Designed, coded and tested a custom Odoo ERP module and database using Python with XML frontend

Los Angeles Crash Data Analysis Software Application

- Responsible for writing complex trend queries in Oracle MySQL analyzing 10 years of crash data

“MapNav” Pathfinding Application

- Collaborated on BFS and DFS pathfinding navigator in C++ using SFML

ACTIVITIES AND LEADERSHIP

UF OUTDOOR ADVENTURE RECREATION, Gainesville, Florida

President, May 2022 - Aug 2023, May 2024 - Present

- Planned & led overnight trips to climb, backpack, and raft, recruiting hundreds of new members.
- Negotiated funding from UF, served as primary admin of the organization website (ufadventure.com) and operated 7000+ person email server through UF listserv.

TECHNICAL SKILLS

Languages

- Fluent: C++, Python, Javascript, SQL
- Familiar: HTML/CSS, R, Java, C#

Environments/Related Skills

- Agile/SCRUM/Waterfall Methodologies
- VS Code, Git, WSL

HONORS AND ACCOLADES

- National Merit Scholar Finalist
- Recipient of Florida Bright Futures Scholarship
- 1550 SAT (800 math, 750 reading)