

# Joshua Loufek

321-525-0983 • joshloufek@gmail.com • Raleigh, NC, 27616 • <https://joshualoufek.com/>

## EDUCATION

---

**University of Central Florida** – B.S., Computer Science

Orlando, FL

Major GPA: 3.73

Fall 2019 – Summer 2021

- *Selected Coursework:* Artificial Intelligence, Object Oriented Software, Algorithms for Machine Learning, AI for Game Design, Robot Vision, Security in Computing.

## PROFESSIONAL EXPERIENCE

---

**GlobalLogic** – Digital Product Engineering and Services

Remote

*Python AI Code Reviewer*

March 2024 – Present

- Curated custom datasets to train generative AI models for Google.
- Performed quality control and analysis on machine-generated code by providing principle-based feedback to train the models to avoid mistakes.
- Enhanced model response factuality by 20% and efficiency by 5% for 10M+ users.
- Trained new hires, moderated chat spaces, and provided guidance for edge-case scenarios.

**Evolve, Inc.** – Local North Carolina Marketing Agency

Greenville, NC

*Junior Developer*

July 2022 – June 2023

- Developed new websites on WordPress, WebFlow, and Wix using client design documents.
- Managed a hosting environment with over 75 websites using Digital Ocean, AWS, Cloudflare and GoDaddy. Also implemented new services such as Google Analytics.
- Routinely maintained client websites and updated content while adhering to SEO best practices.
- Grew revenue by 50% and reduced operating cost by 20% in Q1 2023 compared to Q1 2022.

**YMCA** – Nonprofit Youth Services

Brevard County, FL

*Summer Camp Counselor*

Summer 2017 – Summer 2018

- Planned and enacted various activities intended to engage campers on a physical and mental level.
- Cultivated a welcoming space where campers were safe to grow and develop.

## PROJECTS

---

**Senior Design: Player Detection and Tracking** – Project Lead

- Developed a python-based, machine learning web application for gathering and processing data from broadcast soccer videos to improve footage analysis for professional teams.
- Communicated weekly with sponsor, coordinated team meetings, supported team members as needed, coded multiple web pages, and ensured the project stayed on schedule.
- Researched and developed the general system design, a real-time player tracking algorithm, an interactive web page utilizing that algorithm, the relational database, and all API endpoints.
  - Technologies: Python, Dash, Flask, Pandas, PostgreSQL, AWS.

## SKILLS

---

### Certifications

- *Associate-Level Python Programmer (PCAP)*, Python Institute – Completed February 2024
- *Entry-Level Python Programmer (PCEP)*, Python Institute – Completed December 2023

### Programming Languages

- Python, C#, C, Java, HTML, Haskell, Erlang