

Owen Szymanski

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EDUCATION

University of Florida

Gainesville, FL

B.S./M.S. in Computer Science, GPA: 4.0/4.0

Expected May 2028 (B.S.) | Expected May 2029 (M.S.)

- Minors: Business Administration, Statistics
- University Honors Program; University Research Scholars Program
- Relevant Coursework: Data Structures & Algorithms, Software Engineering, Linear Algebra, Operating Systems

EXPERIENCE

Undergraduate Research Assistant

January 2025 – Present

Virtual Learning Lab

Gainesville, FL

- Skills Used: React, JavaScript, Python, Flask
- Developed Project FUNLIT: An AI-powered platform to gamify the process of teaching grade school-aged kids how to read
- Leveraged OpenAI's API to generate personalized stories for young readers
- Discovered new methodologies for enhancing the learning process with 96% relevancy

Technical Officer

January 2025 – Present

Software Engineering Club

Gainesville, FL

- Skills Used: React, React Native, Express, JavaScript, MongoDB
- Executed tasks to contribute to the development of the club's project, Clubfinity
- Implemented features to streamline communication between club administrators, members, and interested students
- Participated in bi-weekly sprint meetings to deliver updates to my team, team lead, and head of product

Software Engineer Intern

May 2025 – June 2025

Safe Cities NPO

Cape Town, South Africa

- Skills Used: React Native, Express, JavaScript, MongoDB
- Developed a full stack application for Safe Cities' Permaculture Program to improve the efficiency of the program.
- Impacted 100+ users across the Western Cape
- Overcame cultural barriers to effectively understand and communicate with clients
- Delivered a complete product from start to finish in 5 weeks of development

PROJECTS

University of Free Stuff | *MongoDB, Express, React Native, Javascript*

June 2025 – Present

- Ongoing - Developed a full stack mobile application to allow university students to find events with free giveaways
- Created a social media-style posts feed to allow users to discover the newest and best events
- Implemented a reminder system that allows users to receive push notifications when events are about to begin

OCSCode.com | *React, Next, Javascript, Python, Django*

June 2024 – Present

- Developed a full-stack website to showcase my skills and my various projects
- Created the frontend of the website using Next.JS and React.JS to leverage server side rendering and SEO optimization
- Implemented a backend with Django and a Postgres Database to allow for fast and efficient data updates
- Deployed and hosted the project using Vercel

UTrack | *Unity, C#, Firebase*

September 2023 – May 2024

- Developed a full-stack application to revolutionize school attendance tracking at my high school
- System uses QR codes to allow for students to check in for classes without teachers having to manually check for students
- Worked under the guidance of my teacher mentor, the Assistant Principal, and the Principal

TECHNICAL SKILLS

Languages: Java, Python, C++, C#, SQL, JavaScript, HTML, CSS, PHP, ARM

Frameworks/Platforms: React, React Native, Next, Express, Django, Flask, Unity, Firebase, Postgres, MongoDB

Developer Tools: Git (Github, Gitlab) VS Code, Visual Studio, PyCharm, Eclipse, Vercel, Krita