



# MARK PALKIMAS

Mark.Palkimas@gmail.com | (561) 609-5325 | Boca Raton USA

## Profile

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I'm pursuing a Bachelor of Arts in Computer Science, working with Python, C, CSS, JavaScript, HTML, and Solidity. I excel in creative problem-solving and analytical thinking, with a passion for leveraging technology for social good. With a track record of developing innovative solutions, I focus on driving efficiency and making a meaningful impact through technology.

## Key Skills

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- Python
- C
- CSS
- JavaScript
- HTML
- Solidity
- Analytical thinking
- Effective Communication
- Collaborative Teamwork

## Work Experience

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Menchie's Frozen Yogurt | Boca Raton, USA

**Team Member**

10/2022 - 07/2024

- Open and close the store while ensuring smooth daily operations with staff
- Provide exceptional customer service, contributing to increased customer retention
- Train new employees and maintain accurate cash-handling procedures

## Volunteer Opportunities

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- **Grace Community Church** – Volunteer, supporting faith-based initiatives, community outreach programs, and event coordination. (100+ hours)
- **Park Ridge Elementary** – Provided academic assistance and mentorship to students in an underserved community, fostering educational growth. (50+ hours)
- **The Honda Classic – Shot Link** – Assisted with real-time statistical analysis for live television broadcasts, enhancing accuracy in sports coverage. (150+ hours)

## Education

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University of Central Florida (UCF) | Orlando, FL

**Bachelor of Arts** in Computer Science

GPA: 3.0

Florida Atlantic University (FAU) | Boca Raton, FL

**Dual Enrollment** in Programming in Python and C

Boca Raton Community High School | Boca Raton, FL

**High school or equivalent**

GPA: 4.6

## Achievements & Certifications

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- AP Capstone Diploma
- AP Scholar
- AICE Diploma
- DECA Business Advocate (1st Place, District)
- Capstone Project: Researched and analyzed public misconceptions about electric vehicles environmental repercussions.
- Pigeon Key Marine Science Center: Conducted research and promoted ecosystem sustainability.

## Projects

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- **Health Monitoring App (Python):** Developed a Python-based application to track and visualize user health metrics, improving data accessibility for users.
- **Food Bank Log System (C):** Designed an automated inventory management system for a local food bank, increasing process efficiency by ~40%.
- **Plagiarism Detection Tool (Python):** Built an AI-powered solution to detect textual plagiarism with ~92% accuracy, enhancing academic integrity.
- **Personal Website (HTML, JavaScript, CSS):** Created an interactive website featuring a physics simulation and real-time visual representations.
- **Emotional Detection AI (HTML, JavaScript, CSS):** Developed a learning model that detects and responds to user emotions, enabling dynamic interactions.
- **Solana Smart Contract (Solidity):** Engineered secure digital contracts using Solidity to streamline transactions with a ~99% success rate.