

# Daniel Ramirez

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## EDUCATION

**University of Central Florida** (3.5 GPA)

*Bachelor of Science in Computer Science*

Orlando, FL

*Expected Graduation: May 2027*

**Honors and Awards:** Florida Bright Futures Academic Scholar, Top 10 Knights, Dean's List Fall 2023/Spring 2024

**Relevant Coursework:** Introduction to C Programming, Computer Science I, Calculus I & II, Object Oriented Programming, Computer Logic & Organization, Introduction to Discrete Structures, Concepts to Computer Science

## TECHNICAL SKILLS

**Languages:** Python, Java, C, HTML, CSS,

**Frameworks & Tools:** Flask, Bootstrap, Git, GitHub

## EXPERIENCE

**Headstarter AI**

*Software Engineering Fellow*

July 2024 - Present

*Remote*

- Build and deploy five innovative AI projects to gain hands on experience with real world applications
- Participate in weekly hackathons and biweekly in person meetups to enhance technical skills and network with peers
- Receive guidance and feedback from software engineers at top companies like Google, Netflix, and Amazon
- Engage in resume reviews, mock interviews, and AI coaching to prepare for job opportunities in the tech industry

**Fun Spot America Theme Parks**

*Human Resources Intern*

June 2022 - July 2022

*Orlando, FL*

- Streamlined onboarding for 76 new hires, significantly enhancing team integration and overall workflow efficiency
- Performed detailed financial audits, identifying discrepancies and recovering over \$100 in misplaced funds
- Oversaw data tracking for 200+ team members, ensuring accurate, consistent, and up-to-date management
- Updated critical safety documentation to ensure full compliance with all relevant safety standards and regulations

## PROJECTS

**Ban Monitoring System** | *Python, Flask, Playwright, BeautifulSoup*

- Leveraged Playwright and BeautifulSoup to scrape data from over 100 pages and process more than 1,000 entries
- Enhanced data accuracy and depth by integrating the Mojang API to retrieve and format UUIDs for players
- Optimized asynchronous tasks using asyncio to handle concurrent web scraping and data processing efficiently

**Live Chat App** | *Flask, Python, JavaScript, Socket.IO, HTML, CSS*

- Developed real time messaging functionality using Socket.IO to facilitate live chat sessions across different chat rooms
- Implemented error handling and dynamic content updates to enhance user interaction and prevent common failures
- Leveraged Flask for efficient server side routing and session management to optimize real time communications

**Movie Ticketing Queue Simulation** | *C*

- Developed C based queue management system for theoretical movie ticketing, optimizing customer service
- Utilized a linked list structure for real time ticketing operations with  $O(1)$  efficiency, reducing operational latency
- Engineered a simulation algorithm for dynamic customer allocation, significantly optimizing booth operations
- Implemented strategic memory management techniques to ensure consistent simulation stability and execution

**Portfolio Website** | *HTML, CSS, JavaScript, Bootstrap*

- Designed and developed a responsive portfolio website to showcase personal projects and professional achievements
- Utilized the Bootstrap framework effectively to ensure the website's responsiveness across a variety of devices