Daniel Ramirez

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EDUCATION

University of Central Florida (3.5 GPA)   Orlando, FL
Bachelor of Science in Computer Science   *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 & II, 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   July 2024 - Present
Software Engineering Fellow   *Remote*

- Build and deploy five innovative AI projects with a team 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   June 2022 - July 2022
Human Resources Intern   *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

Background Remover Chrome Extension | *Python, Flask, JavaScript, HTML, CSS*

- Developed a Chrome extension for real time image background removal using a custom Flask API
- Implemented high precision background removal leveraging the rembg library and Flask's CORS support
- Integrated Clipboard API support to allow users to quickly copy processed images directly from the extension

Web Scraping Ban Monitor | *Python, Flask, Playwright, BeautifulSoup, HTML, CSS*

- 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

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