

JESUS E. UGARTE OSTA

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EDUCATION

Expected Spring 2022 – *Bachelor's in science in Computer Science*

College of Computer Engineering and Computer Science at the University of Central Florida, Orlando FL

Spring 2020 - *Associate in Arts in General Studies*

Valencia College Honors Graduate, Orlando FL

RELATED COURSES

Object Oriented Programming

Networking Concepts I, II

Computer Science I, II

System Software

Algorithms for Machine Learning

Security in Computing

SKILLS

Technical Skills: C, Python, Java, GitHub Version Control, Swift, Network Troubleshooting, Cybersecurity

Bilingual: Spanish and English

Strengths: Time Management, Critical Thinking, Self-Starter, Teamwork, Leadership and Adaptability.

PROFESSIONAL EXPERIENCE

NASA L'Space Academy

Preliminary Design Review Team

LUCY is a planned NASA space probe that will tour five Jupiter trojans, asteroids which share Jupiter's orbit around the Sun.

- Develop a Mission Concept with a preliminary design review (PDR) for the Hydrocarbon Lake characterization Lander for the LUCY Mission to be sent to Trojan Asteroids in October 2021.
- Engaged with a variety of experienced guest speakers with strong background leading important NASA planetary missions.

University of Central Florida Residence Life

Office Assistant

The University of Central Florida Department of Residence Life serves the largest institution by students enrolled in the US

- Deliver exemplary customer Service in an office environment for the department of housing and residence life.
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Summer Internship 2019

Orlando, Florida

August 2020 - Current

Orlando, Florida

ACOMPLISHMENTS/PROJECTS

- Implemented prediction algorithms (Naive Bayes, Decision tree, Nearest Neighbors, Linear Regression) in ML class
- Implemented a Compiler PL/0 in C Language for System Software class. (Project on GitHub)
- First Place Networking Concepts. PBL Florida State Leadership Conference
- Developed a GUI video custom video conference app clone of Zoom for private group communication
- Developed User interface iPhone apps in swift for College Club for member event sign up

ACTIVITIES/LEADERSHIP

Phi Beta Lambda Business Club

Director of IT

The largest Business club in Valencia College, with more than 50 members on campus, and over 250,000 nationally.

- Designed Main website for the Business Club.
- Organized monthly financial literacy events for over 50 members

UCF Department of Computer Science Research lab

Undergraduate Research Assistant

The APLeSEEd Lab tackles problems in software, security, and systems and cultivates computational thinking.

- Deployed Corporate tracking fraud detection by correlating data from Big Loan Dataset provided by DHS.
- Implemented Null error check and data correlation code logic with Python code.

January 2019 – May 2020

Orlando, Florida

May 2021 - Present

Orlando, Florida