

Gino Benitez

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TECHNICAL SKILLS

Tech Stacks - LAMP

Programming Languages - Java, C, Python, JavaScript, C#

Technologies - Linux (Ubuntu, CentOS), MySQL

Other - Project Management, Git, Apache, HTML5/CSS

PROJECTS

Natural Connections (Class Project) | *LAMP, JavaScript, HTML/CSS, Proj. Management*

- Spearheaded project management initiatives for a full stack contact management site, creating comprehensive UML and Entity Relationship diagrams.
- Utilized JavaScript to seamlessly integrate and establish connectivity between the front-end and back-end components of the full-stack website, ensuring a cohesive and responsive user experience.
- Designed and administered a MySQL database used to securely store user login credentials and contacts.

StockAI - KnightHacks 2023 | *Python (SciKit-Learn, Tkinter, Pandas, NumPy)*

- Contributed to the development of an application that utilized Yahoo Finance library data for predicting buy/sell points of specific stocks.
- Performed predictive analysis by extracting stock data from the Yahoo Finance library and integrating it into a Random Forest model from the SciKit-Learn library.
- Created a graphical user interface using the Tkinter, NumPy, and Pandas libraries, enabling users to visualize historical and prediction data through interactive graphs and tables.

Treasures of the Incas (Class Project) | *Unity, C#*

- Participated in the development of a Unity-based indie game as part of a semester project.
- Utilized Unity tools and assets to design the in-game map and environmental items.
- Applied C# to implement AI behaviors and event handling for in-game characters.

Java Embedded Skip List (Class Project) | *Java*

- Programmed an advanced skip list data structure that stores and manipulates data.
- Implemented principles such as generics, interfaces, and object-oriented programming in order to store different types of data.
- Achieved the expected run time complexity of the skip list using test cases ranging from 1,000 to 10,000,000.

EDUCATION

University of Central Florida

Orlando, FL

Bachelors of Science in Computer Science

Expected Graduation Date: Fall 2025

GPA: 3.48

Relative Coursework: Object-Oriented Programming, Data Structures and Algorithms, Mobile Device Software Development, Full Stack Development, Artificial Intelligence.

Palm Beach State College

Associate Of Arts

RELATED EXPERIENCE

Computer Technician

Nov. 2022 - Apr. 2023

University of Central Florida

Orlando, FL

- Assisted with services including desktops, laptops, workstations, peripherals, and accessories.
- Performed installations, updates, and repairs of software and operating systems on computer hardware.
- Used the ServiceNow ticketing system to maintain service tickets.

CLUBS/ORGANIZATION

KnightHacks Member - University of Central Florida

SHPE (Society of Hispanic Professional Engineers) Member - University of Central Florida