

# Giampiero Giovino

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## EDUCATION

### University of Central Florida

*Bachelor of Science in Computer Science, Minor in Mathematics*

Orlando, FL

Aug. 2019 – May 2022

## TECHNICAL SKILLS

**Languages:** Java, Python, JavaScript C, Solidity, HTML, and CSS

**Frameworks and Libraries:** React, Bootstrap, Tailwind CSS, Ethers, OpenZeppelin, and Material-UI

**Developer Tools:** VS Code, Git, Node.js, Vite.js, Hardhat, Confluence and Jira, Google Colab, and ChatGPT-3.5

## PROJECTS

### Weather App | *React, Vite.js*

February 2023

- Created a weather application using React, Vite, and Material-UI, improved app performance thanks to Vite's fast build and compilation times
- Successfully integrated the OpenWeather API to retrieve and display accurate weather data alongside other useful current weather information by handling the JSON received from the OpenWeather API for user-specified cities
- Implemented responsive design with Material-UI, ensuring a seamless user experience on all devices
- Incorporated error handling for cases where the API request fails or returns invalid data

### JustCubes NFT Fetcher | *React, Node.js*

September 2022

- Built a cutting-edge app for JustCubes that utilizes React to fetch and display JustCubes NFTs from multiple marketplaces, complete with metadata and price information
- Leveraged APIs from the marketplaces LooksRare and X2Y2 to filter the displayed listings and provide users with a seamless browsing experience
- Application is able to fetch any NFT collection with just swapping the contract address

### Wave at Me | *React, Node.js, Ethers.js, Hardhat, Solidity*

July 2022

- Conceptualized, designed and developed an innovative feature for a blockchain-based messaging platform that allows users to send "Waves" alongside their messages to a contract address, viewable on the Rinkeby Testnet blockchain
- Implemented advanced Web3.0 technologies including ethers.js and Hardhat to fetch and display every single message sent to the listed contract address upon user authentication
- Ensured user security by fabricating the feature to be accessible only via Metamask authentication

### Polybay | *Solidity, Hardhat, Mumbai, Next.js, Ethers.js*

August 2021 – April 2022

- Spearheaded the development and planning of the first phase of an NFT marketplace project for Area67Labs @ UCF, utilizing Solidity as well as Ethers.js and Hardhat for deploying and testing
- Utilized the OpenZeppelin library to build a minting smart contract capable of uploading the metadata to an IPFS server
- Used Hardhat for testing and to deploy smart contracts to Mumbai Testnet

### Groov | *Firebase, Express, React, Node.js*

January 2021 – May 2021

- Collaborated via pair programming to design and implement a cutting-edge recording and playback feature, enabling users to record their voice with a microphone and play them over an instrumental
- Assembled and designed login and registration pages and components, as well as authentication with Firebase
- Led the overall vision of the product

## INVOLVEMENT

### Society of Hispanic Professional Engineers | *SHPE Member*

Fall 2019 – Fall 2021

- Member of SHPE Tech Committee, introducing and developing skills in programming and tech to students from all majors
- Active member of the club, raising funds and participating in various activities

## AWARDS

President's List

Spring 2020

Dean's List

Spring and Fall 2021