

# Frankie Leyva III

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Creative full-stack developer specializing in blockchain related programs  
driving innovation through experimentalism & persistence.

## EDUCATION

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**CSU Monterey Bay** | Seaside, CA  
Bachelor of Science in Biology | Molecular concentration

Graduated 2022

## SKILLS & TECHNICAL TOOLS

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**Languages:** Mongodb, Express, JavaScript React, Node, HTML/CSS, Solidity, Bash, R, Python

**Technologies:** Github, Truffle, Ganache, web3.js, Alchemy, Jupyter Notebook, Matplotlib, Pandas, AWS Lambda

## PROJECTS

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### Travel Adventure Website

- Constructed an adventure itinerary website using the MERN stack to allow people to explore things to do in my popular city of Seattle providing a simple way to gauge interest, estimate costs, and find the location of many great activities. Users can create an account on the website to log their completed activities allowing for them to sort through what they have already done and find new activities to experience with a glance.

### Restaurant Website - <https://udupbop.netlify.app>

- Created a website for an Asian Fusion Restaurant. Developed a flexible UI suitable for both web and mobile view allowing customers to scan the menu, check business information, or place an order. Maintained a visually appealing aesthetic in a minimalistic page to highlight the art of the cuisine without sacrificing any ease of navigation on the page.

### Creation and Deployment of Unique ERC-721 Contracts - <https://edensflowers.netlify.app>

- Created many ERC-721 contracts with unique innovative features: Dynamic, On-Chain, Self-replicating, Burn redemptions. Coded ERC721A contracts for gas efficient bulk minting, ERC-20 token minting contracts, and tailored ERC-721 contracts to suit clients' needs.

### On-chain NFT Game - <http://www.shipwars.net>

- Constructed a real time multiplayer battle game utilizing NFTs and game actions which take place entirely on chain. Players have the ability to customize their NFT stats at mint and then use those stats to battle each other with destroyed NFTs getting burned and winners gaining rewards.

### Twitter automation - <https://twitter.com/OceanOfTheDay>

- Used python to automate Twitter posting of the proportion of Ethereum's market-cap to Bitcoin's using Coinmarketcap's API, as well as to post uniquely generated ASCII art and retweet aesthetic imagery.

### Project Landing pages - <https://galaxyfighterkongz.netlify.app>

- Developed landing pages to present projects' missions, teams, and online presences in the best manner possible while meeting client's desires for aesthetics and presentation of values.

## RELEVANT COURSE WORK

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- CSUMB | Practical Computing for Scientists.
- Harvard | Introduction to Computer Science.
- OpenZepplin | Ethernaut.