

BEAU HODES

CONTACT

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BEAUHODES.COM

PROFILE

Researcher and software developer specifically interested in blockchain/DeFi applications and scaling, trading/market research, and fintech products with the goal of finding creative business solutions for new technology. I am a very quick, motivated learner who thrives in a fast-paced environment and enjoys complex problem solving.

EDUCATION

BACHELOR OF SCIENCE, COMPUTER SCIENCE

MAY 2021

UNIVERSITY OF KANSAS | LAWRENCE, KS

GPA: 3.90 MAJOR, 3.83 OVERALL ACT: 33

SKILLS

- Python
- Solidity/EVM
- C++/C
- Hardhat/Foundry
- Git
- JavaScript/Node.js
- Excel/Office
- Cloud: GCP/Azure
- SQL
- Data Structures/Algorithms
- HTML/CSS

PROJECTS

NFT LOTTERY

JANUARY 2022

- Solidity implementation and tests for an NFT lottery game where sellers can deposit NFTs and users can deposit tokens for a chance to win the NFT. Not used in production for legal reasons.

ALERT BOTS

2021-2022

- Use Python, JavaScript, and various APIs to send out alerts for trading volume spikes, Twitter follows, and trending searches.

PERSONAL SPEECH TRAINER

IN PROGRESS

- Uses a respiratory sensor and Python to help those who stutter, including myself, work on their fluency using computer visuals.

PROGMON

NOVEMBER 2019

- Along with 4 classmates, created a basic fighting game, called Progmon, using Python and Pygame. My responsibilities included game flow design, computer logic, test suite development, and graphic design.

EXPERIENCE

CO-FOUNDER & RESEARCHER

UPNOW CRYPTO RESEARCH | SEPTEMBER 2021-CURRENT

- UpNow Crypto Research is a firm dedicated to providing in-depth market research, insights, and education to anyone interested in cryptocurrencies and crypto markets
- Publish bi-weekly research, market updates, and curated educational content/tutorials
- Developed website(s) and platform layouts

DEVELOPER

CBAI | MAY 2021 - OCTOBER 2021

- CBAI is an AI and data services startup
- Completed multiple backend integrations on behalf of clients in Node.js
- Advised on a multi-chain NFT marketplace and an AI-based price prediction model
- Wrote the initial backend architecture for an NFT marketplace

SOFTWARE ENGINEER INTERN

PORT TMS | MAY 2019 - NOVEMBER 2019

- Port TMS is a cloud-based transportation management software company founded in 2018
- General programmer; implemented, from back end to front end, a web interface for company developers to save time in the creation and management customer data reports

KU LEADERSHIP CHALLENGE

JANUARY 2020

- Two day seminar promoting leadership skills and networking sponsored by corporate affiliates

OTHER RELEVANT EXPERIENCE

- Backend Developer at Clear Contracts, 2021-2022
- Operations Intern at Lockton Companies, 2020
- Data Analytics Consultant at Astra Innovations, 2019-2020
- Web Designer at Midland Metal, 2017

CERTIFICATES

CRYPTOCURRENCY AND BLOCKCHAIN

UNIVERSITY OF PENNSYLVANIA (ONLINE) | JANUARY 2021

SEQUENCES, TIME SERIES, AND PREDICITON IN TENSORFLOW

DEEPLARNING.AI | AUGUST 2020

BLOOMBERG MARKET CONCEPTS

BLOOMBERG LP | APRIL 2020

IBM DATA SCIENCE PROFESSIONAL CERTIFICATE

COURSERA/IBM | SEPTEMBER 2019

- Nine-course certificate using Python and various algorithms

MICROSOFT: AZURE207X —"DATABASES IN AZURE"

EDX | MARCH 2019

SELECTED COURSEWORK

- Software Engineering: Systematic development of software products including life-cycle models, teams, tools, testing, planning, and estimating. Also covered Agile development and Git version-control.
- Others: Computer Algorithms, Data Structures, Compiler Construction, Machine Learning, Computer Security, Calculus I-III, Linear Algebra, Statistics, Operating Systems, Computer Architecture, Databases, Computer Forensics