

Rhidam Vaikunth

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EDUCATION

University of Massachusetts, Amherst

Amherst, MA

Bachelor's Degree in Computer Science, Member of Commonwealth Honors College

September 2019 – May 2023

GPA: 3.75

Relevant Coursework: Introduction to Algorithms, Artificial Intelligence, Scalable Web Systems, Database Management

Technical Skills: Java, JavaScript, Python, HTML, CSS, C, CAD, Microsoft Office, AppInventor, Solidity, React JS, Postman, MongoDB, Node.JS, SQL, APL, Docker

WORK EXPERIENCE

Venture Capital Artificial Intelligence Project

Boston, MA

Full Stack Developer

September 2023 – Current

- Architected and designed the UX for a private investor seeking to develop and position an AI SaaS software offering for a potential venture capital acquisition
- Developed and designed the UX using React.JS
- Backend of the application used an event-bus to communicate with microservices
- Developed APIs that the LLM(Large Language Model) could use for training, such as document uploads to Google Cloud buckets
- Used Google Cloud to store the user information, specifically Google Firestore

Amazon

Boston, MA

SDE Intern - Alexa

May 2022 – August 2022

- Built the foundation for the new Alexa Image Search in Java while using AGILE technologies like JIRA
- Developed a new image display template using APL
- Made changes in multiple code bases, having to adhere to different coding styles and requirements
- Developed documentation that outlined the changes I made in the code base and the future work that would be needed to be done in order to complete the new Alexa Image Search

Code Ninjas

Northborough, MA

Instructor

May 2021 – August 2021

- Lead instructor in introductory STEM course for students learning Python
- Taught the basics of Python and OOP by having the students code a Plants vs. Zombies type game using the pre existing libraries in Python
- Guided the students from the planning phase to the implementation phase when making their desired changes to the game, like adding a scoreboard, or adding different characters/sprites

PROJECTS

FarmCoin

March 2021 – January 2022

- Created a decentralized microloaning platform for farmers in third world countries
- Developed smart contracts for each loaning pool using solidity, storing it on the Ethereum blockchain
- Developed web/mobile application using React.JS in the frontend and Javascript in the backend
- Stored all user information in MongoDB database
- Took inspiration from the Goldfinch model in order to make our loaning more efficient and reduce collateral

JavaScript Interpreter

February 2021

- Created an interpreter for JavaScript in JavaScript
- Developed the interpreter using a linked-list in order to keep track of variable scopes