Lakshay Jhamb

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EDUCATION

The University of Texas at Dallas **August 2021**
B.S. in Information Technology and Systems

RELEVANT EXPERIENCE

DeFi 11 - Remote **March 2021 -**
Software Engineer/Blockchain Developer
- Coordinated directly with C-suite employees and Board of Advisors to develop the core application using React Native, spearheading an Alpha launch of 4,100 Android Users
- Revamped system capabilities to scale up for a Beta launch of an anticipated 100,000 Android and iOS users
- Engineered 4 service-critical smart contracts and led the NFT implementation(front-end and back-end)
- Directed the hiring and onboarding of 4 Software Engineers, mentoring 2 interns through the Software Development Life Cycle and CI/CD principles

Casa - Dallas, Tx **April 2020 - February 2021**
Software Engineer/Founder
- Designed, developed, and distributed a cross-platform application that completely digitizes the home-buying experience
- Incorporated a MERN stack for building the consumer-side application and engineering custom data pipelines, allowing for real-time rendering and monitoring of images, videos, and security feeds
- Built 50+ in-house tools using Python including data analytics functions, web scrapers using Scrapy, REST APIS for data harvesting, and data visualizations using the Bokeh and MatPlotLib libraries
- Wrote and presented over 30 objective-relevant documents including pitch decks, business plans, and product-use guides
- Cultivated relationships with 25 potential customers, collaborating to work through the reiterative process of building and delivering a great product

Amazon - Dallas, Tx **March 2019 - August 2019**
Warehouse Specialist
- Ensured 1,200 packages/day were processed accurately by verifying QR Codes through a company scanner, fulfilling an avg. of 15 delivery routes/day
- Collaborated with the warehouse manager and delivery drivers in 4 meetings to reduce errors in package allocation, resulting in a 35% decrease in driver complaints
- Trained 4 new hires weekly on order fulfillment, mobile device management, safety regulations, and company policies

PROJECTS

Probabilistic Programming vs Machine Learning for Market Modeling
- Engineered and deployed a web application on the Google Cloud Platform for real-time data analysis and visualization of the 7 major financial markets by harnessing data from 25 different exchanges
- Leveraged free cloud computing credits and over 15 open APIs to code a layman Bloomberg Terminal
- Embedded Kubernetes clusters with WebSockets and WebHooks to code a Telegram Bot for automated actions
- Programmed implementations of 5 mathematical modeling methods, including Bayesian Statistics, Greedy Algorithms, and Null Hypothesis Testing, analyzing against Deep/Machine Learning models, coded in Python/JS

Comprehensive Projects
- Refer to my portfolio website: ljhacks.github.io, for a comprehensive list of my computer science-related projects

ORGANIZATIONS & ACTIVITIES

- *Clubs:* CometX (Accelerator), UNICEFUTD, Doctors without Borders, Blockchain Club, Data Science Club, Product Management Club, Product Base Club, ImpactDallas
- *Events:* MITx Policy Hackathon, HackUTD, UTHacks, MIT Mobility Forum, Belfer Center Digital Forums

TECHNICAL SKILLS AND CERTIFICATIONS

- Programming Languages: *Python, JavaScript, Typescript, Solidity, C++, Swift, Rust, Go, Java, SQL, GraphQL, R*
- Frameworks: *Django, Flask, Express JS, Ruby on Rails, AngularJS*
- Software Tools: ReactJs, React Native, Node.JS, Ethereum Virtual Machine, GCP, AWS, Kubernetes, Docker, Visual Studio Code, Xcode, Apache Spark, Hadoop, GitHub, MongoDB, Oracle Database, Apollo, Eclipse, Anaconda, Jupyter, PyTorch, Keras, TensorFlow, TravisCI, TestFlight, Sublime Text, vim, Unix/Linux, Hardhat
- Certifications: *Digital Manufacturing and Design Technology (Coursera Specialization)*, *Google Analytics*
- Eligibility*: U.S. Citizen, Eligible to work with no restrictions*