

# JAY KOMARRAJU

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## EDUCATION

**University of North Carolina at Chapel Hill (Expected Graduation – May 2023)**

**August 2019 – May 2023**

Bachelor of Science in Computer Science

Relevant Coursework: Programming Language Concepts, Algorithms, Modern Web Programming, Foundation of Programming, Data Structures, Computer Organization, Multivariable Calculus, Programming Language Concepts, Intermediate Microeconomics, Intro to Econometrics

## RELATED EXPERIENCE

**Founder @ BUYANANSWER.COM**

March 2022-Present

*Helping capture the true value of expertise*

- Working with creators with credibility to capture the value of expertise by answering questions for money.
- Tested MVP and lead a 12 person team – technology, content and marketing.
- Growth engineering using A/B feature testing .

**Data Science Intern at Watson Health, IBM**

Summer 2021

- Worked on Improving overall resource productivity by **30-40% by implementing Python based automation**
- Automated design and deployment of business rules set and data dictionary in an Enterprise Data Warehousing Project using Watson Health
- Designed and implemented an effective solution in automating **DDL and SQL scripts** in improving efficiency and performance of some of the admiration tasks.

**Software Engineering Intern – IBM Research, Yorktown Heights, NY**

Summer 2020

*Worked on the discovery and mining of clinical data, and clinical genomic data*

- Researched and developed state of the art machine learning models on SNOMED-based medical data
- Worked in **Python, Angular, and D3.JS**
- Collaborated with Research Scientists and learnt innovative coding techniques and peer-reviewed research principles - Built visualizations in d3.JS for the patient network model

**Research Assistant – X-Lab, University of North Carolina at Chapel Hill**

November 2020-March 2021

*Working to identify high-risk patients using data science and mining of genomic data*

- Developed **multilayered visualizations** for genomic data to identify significant patterns
- Collaborated with research scientists in Statistics and Data Engineering

**UI/UX Design Intern – AppSpace Innovation, Hyderabad, India**

Summer 2017

*Worked on design and frontend development of mobile applications in AdobeXD and Swift*

- Developed a strong understanding of **Wireframing, Sketch design tool, and Adobe XD** - UI/UX design team

## PROJECTS

<https://github.com/jaykomarraju/>

## TECHNICAL SKILLS

Programming Languages: **Python, TypeScript, Solidity**, React.JS, D3.JS, Java, Node.JS, Swift, HTML5, CSS3, ExpressJS

Database: SQL Server, MS Access, R

Software: Tableau, Google Analytics, STATA, Photoshop, Premiere Pro, Adobe XD, Sketch Design

## CERTIFICATES & BADGES

As an intern at IBM, I have taken advantage of the learning resources and have acquired the following badges:

- IBM **Blockchain Essentials**, IBM **Blockchain Foundation Developer**
- Master Ethereum and Solidity Programming from Scratch in 2022