Mayank Jha

Software Engineering | Full-stack Web Development | Blockchain Development

mayanksjha@gmail.com * +1-314-244-6334 * Hadley Rd, Buffalo, NY
linkedin.com/in/mayanksjha * github.com/MayankJ99

Education

University at Buffalo, State University of New York   Exp May 2021
B.S. in Computer Science   GPA: 3.5/4

Relevant Courses: Discrete Structures   Data Structures   Algorithms   Applied Probability   Linear Algebra

Work Experience

Undergraduate Teaching Assistant
University at Buffalo, Buffalo, NY   08/2018 - Present
- Meet with instructors to discuss course progress and provide feedback, grade examinations and assignments
- Conduct labs, recitations and office hours to assist students with programming theory in Javascript, Python, and Scala
- Assist over 50 Students as their primary TA

SEAS Student Ambassador
University at Buffalo, Buffalo, NY   08/2019 - Present
- Encourage and advise students and prospective students about opportunities in SEAS
- Represent SEAS at various events such as Open House, Accepted Student's Day, etc.

Projects

Sketch It   11/2019
- Hackathon Submission for UB Hacking 2018. Placed 3rd overall. Real-time canvassing and messaging application. Integrated with Google Cloud OCR for handwriting recognition
- Built Using - Node.Js, ExpressJs, HTML, CSS, Socket.io

Blockchain/Cryptocurrency   05/2019 – Present
- Full-Stack Blockchain and cryptocurrency project - Includes implementation of the blockchain, transaction pool, blockchain mining, proof of work, transaction verification, transaction wallet, etc.
- Part of an ongoing online course. Built Using - Node.Js, Express.Js, React.Js, PubSub, HTML, CSS

Personal Website   08/2019 – Present
- Personal Portfolio Website - a Fully responsive website that works similar to other social media websites. User authentication/authorization, Create, Update, Delete content through the front end.
- Built Using - 'MERN' Stack (MongoDB, Express.js, React.js, Node.js) with Materialize UI. *Currently in progress. Backend logic completed, front end sprint upcoming.

Skills

Programming Languages: Python, JavaScript, Java C++, Swift, Scala
Other: Git, React/Redux, MongoDB, MERN Stack, SQL, Blockchain

Awards

UB International Student Merit Scholarship: 08/2017 – 05/2021
UB Hacking 3rd Place Winner: 11/2019