Varun Hegde

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EDUCATION

Georgia Institute of Technology | Atlanta, GA   Expected Graduation: May 2024
Bachelor of Science, Computer Science   *Cumulative GPA: 3.8 / 4.0*
Dean's List every semester; GT Faculty Honors
Relevant Coursework: Data Structures and Algorithms, Intro to Artificial Intelligence, Databases, Systems and Networks, Linear Algebra, Advanced Algorithms, Computer Networking
Clubs and Organizations: Web Development Club, VoterTech (Georgia Tech Vertically Integrated Project)

SKILLS & TECHNICAL TOOLS

Languages: Java, Python, SQL, JavaScript, HTML/CSS, C, Swift
Technologies: Git, AWS, ReactJS, React Native, Node.js, Flask, Regex, Docker, REST, Google Firebase

EXPERIENCE

Eightfold.ai   Santa Clara, CA
Software Engineering Intern   *May 2022 – August 2022*
- Worked on App Platform team to help customers and partners integrate applications built on AWS Lambda functions with Eightfold platform in order to automate various workflow processes
- Created app asset upload capability to CDN in AWS S3 upon new app creation
- Designed, developed, and published Python SDK to allow app developers to create REST API calls
- Created framework to write application logs to AWS CloudWatch and internal Redshift databases
- Implemented detailed UI view for app developers to retrieve application logs

EdCast   Mountain View, CA
Software Engineering Intern   *June 2021 – August 2021*
- Received Data Specialist Certification on Domo platform for business intelligence
- Research on how to apply K-Means Clustering algorithms in Python for Learning Management Systems
- Created User Roles Reports from various clients for Learning Experience Platform

PROJECTS

COVID-19 Data Visualizer | *Python Flask, ReactJS*
- Website tool to help collect and display organized information about the spread of COVID-19 virus around Georgia Tech's campus and population
- Front-end created in React.js to uniformly display data in charts and statistics for viewers
- Back-end created using Python Flask by scraping over 500,000 COVID-19 testing data points from school-wide information provided off Georgia Tech's health website

Decentralized Exchange Swap Platform | *ReactJS*
- Created a Decentralized Exchange "Dex" Swap that allows users to exchange any two types of cryptocurrency coins on the Ethereum blockchain, with over 450,000 ERC-20 coins supported
- Provided crypto wallet authentication and support for 3rd party wallets using MetaMask technology
- Swap functionality enabled by Moralis Web3 Servers and 1-inch API framework

Online Chat Website | *ReactJS, Firebase*
- Built a Discord-style online chat website (named "VChat") using React.js and Google Firebase as database
- Provides account authentication that is required to allow sending of messages