Shashank Rajashekar

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EDUCATION

Carnegie Mellon University — Pittsburgh, Pennsylvania
Master of Science in Engineering & Technology Innovation Management — may 2023
Selected Coursework: [Data Science for Technology, Applied deep learning, Quantitative Entrepreneurship: Analysis for Technology Commercialization, DHCS (05891)]

Alliance university — Bangalore, India
Bachelor of technology in computer science and engineering- Major — June 2020
GPA: (3.9/4.0)
Selected Coursework: [Big Data Analytics, Data Mining and Data Warehousing, Cloud computing]

SKILLS

Programming: Java, Servlets, Pearl, Python, R, C++, MySQL, JavaScript, HTML, CSS, Solidity, Swift C, Next.js, React.js.
Frameworks: Big Data Hadoop ecosystem (including HDFS, Map-Reduce, HBase, Sqoop, Spark, Flume, Kafka and SCALA), Spring boot, Truffle, TensorFlow, node.js, bootstrap, SQL, Git, Full-Stack Development.
Operating Systems: Windows 10, Linux, MacOS
Languages: English (Fluent), Kannada (Native Speaker)

EXPERIENCE

SciQuel- Web Development Intern — Boston, United States
SciQuel Team at Harvard Innovation Lab. — May 2022-August 2022

- Developed a website using Next.js and React.js, including a user dashboard, signup and login pages, and resizing.
- During the course of eight weeks, I built software and led a team of two developers.
- Skills: web Development, website Building using Next.js and react.js

TechCiti Company — Bangalore India
Intern — June - July 2019

- Collaborated in eight-week project and training of web application using web languages like Html, CSS, Java, Servlets, and JSP.
- Provided with the project called Two step Authentication for Data Sharing Using KASE Via Cloud Storage and front end of different phase of sign in and signup has been implemented.
- Presented a project with favorable results and recommend a new form of data security.

ACADEMIC PROJECTS

Cosmetic defect detection capstone project, — Pittsburgh, Pennsylvania
Coherent (Carnegie Mellon university) — fall 2022

- A dataset containing images of circular optical surfaces includes both defective and undefective surfaces.
- For image classification, the image data are divided into two negatives (without defects) and two positives.
- CNN model is built to perform the classification. This is actual project working with company team member.

Text translation — Pittsburgh, Pennsylvania
Carnegie Mellon university — Spring 2022

- Evaluate the effectiveness of different algorithms for translating English text into French.
  The algorithm uses embedded RNNs and bi-direction RNNs to encode and decode to maximize efficiency.

A Decentralized Marketplace Application on The Ethereum Blockchain C Final Year Project, Bangalore, India
Alliance university — Spring 2020

- Developed using the Truffle development framework and functions were within an Ethereum smart contract, which was then migrated to the Ethereum network.
- Input was read through a web interface and sent to the Ethereum network via the web3.js API.
- Statistics about the application were gathered on the Ropsten test network.
- End results showed that selling on the decentralized application is cheaper than existing online options as well as existing in-person options.

ADDITIONAL EXPERIENCE, AWARDS/HONORS & VOLUNTEER WORK

Awards: Rank 1(Gold medal) in Bachelor of Technology of batch 2016- 202
Community Service: Volunteered to assist in the successful planning and execution of the Application of AI (Artificial intelligence) seminar event held by Symbiosis International, Bangalore, India, in August 2019.
Additional Courses: Machine Learning by Stanford (Coursera), Deep Learning A-Z™: Hands-On Artificial Neural