Dinesh Angadipeta

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Education

The University of Texas at Dallas   **Richardson, TX**
B.S. Computer Science, 3.914 GPA   Aug 2020 - Present
- **Relevant Coursework**: Data Structures and Advanced Algorithms, Computer Architecture, C/C++ UNIX Systems Programming, Probability and Statistics, Linear Algebra, Databases, Basics of Machine Learning

Work Experience

SpinSci Technologies LLC   **Addison, TX**
Software Engineer Intern   Jun 2019 – Jul 2019
- Accelerated with the documentation of major projects involving Cisco by conducting a documentation database migration over to Confluence.
- Assisted in the prototyping of a interactive voice response system to further increase the efficiency of maintaining more customers to stay on call using C++.
- Learned about business infrastructure and corporate relations through an apprenticeship under a consulting branch.

Remote Tiger Inc.   **Richardson, TX**
Software Engineer Apprenticeship   May 2017 - Jul 2017
- Contributed to a team that learned how to create web applications that implemented MySQL, XML, and JavaScript.
- Spearheaded the development of a ticket reservation system among my team of 6 with the use of many web technologies.
- Demonstrated skills and adaptability among a group of likeminded individuals in a competitive environment.

Projects

Theater Web App | Github   **Personal Project**
JavaScript, XML, MySQL, Spring
- Accelerated the development of a ticket reservation web application with a user friendly GUI that adapted to the data.
- Verified the organization of the MySQL database schema and aided in the implementation of the connection to the application.
- Researched upon various web application technologies the merge the front end and back end.

UNIX Messenger | Github   **Personal Project**
C++/UNIX
- Examined the implementation of FIFO pipes in the C++ Unix environment to create a connection between different IP addresses.
- Reinforced a secure connection to allow for a safe communication environment.
- Revamped the system to not get staggered by multiple simultaneous message requests.

ML Image Classification | Github   **Personal Project**
Python, SKLearn
- Researched the Machine Learning concept of deep learning and implemented it to analyze an image classification dataset.
- Trained and Tested an image dataset implementing various mode algorithms to use analytical thinking skills to discern the key variables used in analyzing images.
- Led the main communication pipeline and scheduling system around assigning the tasks among my cohort for efficient workload management.

Skills

Languages and Libraries	Java, Python, Javascript, C++, C, HTML, CSS, MySQL, R
Frameworks and Tools	React, Node.js, AWS, MongoDB, Git, Linux