Krishnaa Chaithanya Vellamchety
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Education

University of Massachusetts Lowell — Lowell, MA
Master of Science – Computer Science — May 2023
Courses: Data Communication, Topics in Data Science, Computer graphics, Algorithms, Advanced Data Communication, Security and Privacy of Machine Learning and Deep Learning

Sreenidhi Institute of Science and Technology — Hyderabad, India
Bachelor of Technology – Electronics and Communication Engineering — May 2019
Courses: C, C++, Java, Data Structures, Operating Systems, Data Base, Computer Networks, Frameworks

Skills Summary

Languages: C, C++, Java, Python, SQL, HTML, CSS, JavaScript, Kotlin
Frameworks: Django, Flask, Bootstrap
Platforms: Windows, MacOS, Linux, Ubuntu
Networking: Wireshark, Socket programming, Data Communication Algorithms
Soft Skills: Leadership, Event Management, Public Speaking, Time Management, Result Driven

Experience

Amazon India
Machine Learning Auditor/Machine Learning Data Associate

I worked here for around one and half years in two roles. One of them was "Machine Learning Data Associate", in which I worked on a data mining HMI tool developed by Amazon to collect useful data and fed into the ML. Later, when promoted as Machine Learning Data Auditor, which is my second role, I was the auditor for the team of Machine Learning Data Associates during which I was responsible in checking their results and revert if any errors.
During this period, I strongly developed data base skills, presentation skills, teamwork and leadership skills and Microsoft Excel.

Projects

Communication App for Differently Abled (Python, Flask, Django) Spring 2022: Developing an algorithm to convert text message to morse and voice, and vice-versa along with developing an android mobile application to run this algorithm.

Library Management System (Java, SQL, HTML, CSS, JavaScript): Developed a stand-alone application for Library Management

Application Development on ARM Cortex A-9 Processor on Xilinx ZYNQ SoC (System on chip, Xilinx, Embedded C, Electronics Hardware): Developed an application on ARM processor for communication between different modules of airborne radio.

Sign to Speech Converter Using Flex Sensors (Arduino board, Embedded C): Converting hand signs into speech by flex sensors on mobile application.

Android Operated Mobile Robotic Arm (Android application, Arduino, Embedded C): Controlling robotic arms and robot movement using android application.

Online Certifications

Programming for Everybody (Getting started with Python)
Python Data Structures
Using Python to Access Web Data
Advanced SQL: SQL Expert Certification
Data Structures and Algorithm using Java
Python and Django Full Stack Web Development Bootcamp

Volunteer Experience

Student Mentor, Sreenidhi Coding Club — Hyderabad, India

Mentor of collage's coding club and was responsible for conducting coding interviews and organizing events.

Committee Member, Rotaract — Hyderabad, India

Served as a member of non-Go organization, Rotaract. As part of it, participated in events at old age homes and orphanages.