

Hemanth Kumar Chintala

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Experience Summary:

- 1.5+ years of experience in compilers, C, C++, Python and Machine Learning.
- Supervised the team of 8 members.
- Good exposure to Problem solving, analytical, communication and documentation skills.
- Submitted an internal TCS whitepaper called "ISURF", related to feature detection.
- Have knowledge on parallel programming languages CUDA and OpenCL.
- Have knowledge in Low Level Virtual Machine (LLVM) and Clang compiler.

Technical Skills:

Languages : C, C++, JAVA, Python
Databases : SQL
Web Technologies : HTML, CSS
Operating System : Linux, Windows

Work Experience:

- Working as an Nextgen R&D Developer in TCS, Hyderabad from May 27, 2019 to till date.

Projects:

Project-1

Project Title : LSTM Feature implementation in GLOW Compiler
Description : Glow is a machine learning compiler that accelerates the performance of deep learning frameworks on different hardware platforms. LSTM is an RNN Architecture which is used for Classifying, Processing and making predictions.
Languages used : C++, Python
Duration : Oct-2019 to Feb-2020

Project-2

Project Title : Adding Support to GEMM Operator in Apache TVM
Description : Apache TVM is an end-to-end ML compiler Framework for CPU's, GPU's and accelerators. GEMM operation is used for tensors multiplication.
Languages Used : C++, Python
Duration : Mar-2020 to Feb-2021

Project-3

Project Title : LLVM compiler Development for RISC-V Architecture

Description : RISC-V architecture is an open standard instruction set architecture based on RISC principles. QEMU and Canadian cross build is the concept of creating a compiler for target architecture.

Languages Used : C++

Duration : Mar-2021 and still in progress.

Academic profile:			
Degree	Institution	CGPA or %	Year
B.Tech	Gokaraju Rangaraju Institute of Engineering and Technology	9.48	2015-2019
Intermediate	Sri Chaitanya college	93.4%	2013-2015
SSC	Kakatiya High School	9.0	2013

Extra-Curricular Activities/Certificates:

- Received a C(intermediate) certificate in Hacker Rank.
- Event Organizer for an event called "Crypt Your Mind", a technical event of "pragnya-'17" on 27th and 28th of OCT 2017.
- Award of achievement from ORACLE Academy for successfully completing "Database Programming With SQL".
- Received a Certificate of Participation from the New India Student Championship 2018 conducted on 03 Feb 2018.

Personal information:

Father Name : CH. Ramulu

Mother Name : CH. Ramadevi

Date of Birth : 31-05-1998

Languages Known : Telugu, Hindi, English

Address : 2-10-10, Weekly Bazar, Nizamabad, Telangana-503001.

Declaration:

Here by I declare that above mentioned information is true and correct to the best of my knowledge and belief.

Place: Nizamabad

Date:

(CH. Hemanth Kumar)