Aman Ojha

Software Engineer Intern at Intel & final year M.Tech. student at IIIT Lucknow

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EXPERIENCE

Intel Corporation, Bengaluru — *Software Engineer intern*

August 2020 - Present

Developed and deployed PVRDMA feature in C with integration of DSA driver in ESXi hypervisor.

Debugged and solved issues in drivers of various server products of VMWare.

Designed and developed test framework in python for VMs. Hands on various platforms (x86) with tools to measure performance.

TCSL Digital Labs, Mumbai — *Assistant System Engineer*

September 2016 - March, 2018

Designed a health app for approx. 10 thousand iOS users using core motion framework.

Developed and integrated API calling features using AFNetworking with singleton class design and multithreading in a legacy application.

Got trained and worked as a visiting faculty and scrum master for 200 new associates to develop softwares in an agile environment.

EDUCATION

Indian Institute of Information Technology, Lucknow — *M.Tech.*

August 2019 - May 2021

Computer Science & Engineering with 8.88 CPI

Shri Ramswaroop Memorial College of Engineering , Lucknow — *B.Tech.*

August 2012 - June 2016

Information Technology with 72.96%

PROJECTS

lapClusters — January, 2020

Developed a similarity graph and a graph laplacian matrix to enable spectral clustering with dual regularization in sensor nodes with hybrid dimensional data.

blackBaby— *August, 2020*

Research Project on Stream Data Classification for IoT devices. Following project applies decision trees with below 1KB RAM requirement to classify data upto 98% accuracy.

AWARDS

Appreciation Award for intern project in Intel Corporation.

Won **"Star Performer award"** in TCSL.

Won **Gold medal** in B.tech. Final year project in college.

Won consecutively **Best Male Compere award** in college.

Won **scholarship** for 3rd year in college.

LANGUAGES

Python, C, Java, Swift, HTML, CSS, Objective-C.

SKILLS

System Programming, Linux Kernel Development, ESXi, Virtualisation, Unix, Git.

OS Internals, Object oriented programming, Data Structures and Algorithms,

Machine Learning, Data Science, Panda, Numpy, Scikit-Learn, Seaborn, Matplotlib, Tensorflow, Keras.

VSphere and VCentre.