Mahesh **Ahuja**

COMPUTER SCIENCE ENGINEER

About me:

Languages: English, Hindi

DOB: January 12, 1993

Summary:

To work with a company which appreciates innovation so that I can enhance my knowledge and skills to give my best. Computer Science Grad with a knack of computer Applications and to solve complex problems with sheer determination, dedication and hard work.

Education:

2016-2018 | M Tech

Information Security

Dr. B. R. Ambedkar NIT Jalandhar

Jalandhar, Punjab, India

2011-2015 | B Tech

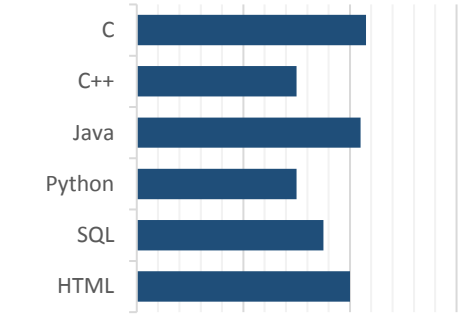
Information Technology

GJU S&T

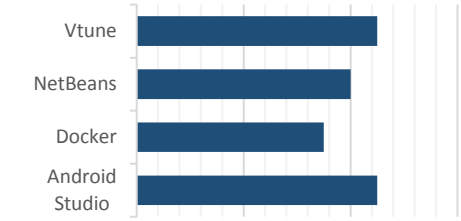
Hissar, Haryana, India

Skills:

Programming Languages:



Environments:



Reach Me At:

97285-25150, 70158-05514

maheshahuja881@gmail.com

linkedin.com/in/ahujamahesh

Research and Projects:

Academics:-

Opinion Mining and classification of music lyrics

The research focuses on detect the emotions from top 100 English songs of 2017 year using machine learning algorithms and compare results from different algorithms.

Touchstone | Web Application

Touchstone is a web based assessment tool. Using it an organizations can create objective questioners to assess their trainees or employees on a specific domain.

Industrial:-

GymApp | Android Application

It is an android application which keeps track of your workout, diet plan, body dimensions, and provide you with workout tutorials and training sessions.

Publications:

"Mahesh Ahuja", "A. L. Sangal" "Opinion Mining And Classification Of Music Lyrics Using Supervised Learning Algorithms", Presented at IEEE International Conference On Secure Cyber Computing And Communication, Jalandhar, India.

Experience and Workshops:

Intel Technology Pvt. Ltd. | Internship-2018 (Jun 2018 to Dec. 2018)

BIOS Engineering – Learned about the Bios Architecture, Components and **boot flow**. Built **UEFI BIOS** source code (EDK2 source and real platform source).Flash the generated image file, add small changes in the code and again flash the generated bios image file. Experimented with **ACPI** to call the hardware functions from OS. How Bios comes into play during boot. Developed an **UEFI** app for PCI enumeration.

Self-Driving Car – Learned implementation process of self-driving car. Took a low level overview of their module structure. Understandings of all module structures, sub-modules. What are the big functions input and output? Built and ran **planning, localization, perception** modules. **Performance analysis** of planning and localization. **Hotspot analysis** and finding the **memory consumption** of planning and localization module.

MLX Benchmark:-Profiling computer vision, deep learning, deep learning training, Autonomous drive planning algorithms.

Enrage Technology (Duration 4 months)
Develop an Android application.

Publications:

- Got Excellence in district science level Exhibition.
- Gate Rank Opener in my class.

Areas of Interests:

- Software Development.
- Artificial Intelligence.
- Operating Systems.
- Debugging.