Shivan **Trivedi**

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Education

SSHSC-KANPUR(Stepping Stones Higher Secondary School)   *Govind Nagar,Kanpur, India*

10+2 EDUCATION   *2000 - 2013*

- Got Scolarship of Rs.80,000 from UP Govt. for coming in merit list

JIIT-NOIDA(Jaypee Institute Of Information Technology)   *Sector-62,Noida, India*

B-TECH IN COMPUTER SCIENCE AND ENGINEERING   *August. 2014 - PRESENT*

- CGPA - 8.0/10 (5th Semester)

Experience

WOOSTYLE(IndiaReads.com Initiative)   *Noida, India*

FULL STACK WEB DEVELOPER INTERN   *Dec. 2015 - Feb. 2016*

- Wrote Frontend using Bootstrap and Backend Using PHP and Relative functioning with JavaScript
- Used Geotagging for tagging the clothes to search them in nearby offline stores.
- Used Amazon,Flipkart and Google API to createvirtual Wardrobe of clothes for user and to combine online and offline stores at one place.

WHEELEXPRESS   *Noida, India*

FULL STACK WEB DEVELOPER INTERN   *April. 2016 - May. 2016*

- Wrote Frontend using Bootstrap and Backend Using PHP and Relative functioning with JavaScript.
- Wrote JS scripts for functioning of payment portal by generating Promo-Codes in PHP.

GateForEngineers   *Noida, India*

WEBSITE DEVELOPER   *Dec. 2016 - Jan. 2016*

Responsibility

DrupalCamp-Delhi 2016   *JIIT, Noida*

HEAD STUDENT VOLUNTEER   *Nov. 2016*

- Managed the workshop with Acquia Professionals which was organised under Drupal Camp Delhi

International Conference On Signal Processing And Communication 2016   *JIIT, Noida*

CONFERENCE AND TECHNICAL LEAD   *Dec. 2016*

- Overall Conference Lead as a Member Of IEEE and Vice-Chairman Of IEEE Student Branch JIIT,Noida

Open Source Developers Club   *JIIT, Noida*

TECHNICAL COORDINATOR   *Sept. 2016 to Present*

- Took workshop on GIT BASICS and taught students about the open source projects and how to do contributions in them.

IEEE Student Branch JIIT,Noida   *JIIT, Noida*

VICE CHAIRMAN   *Sept. 2015 to Present*

- Took 2 week sessions on Basic 'C'and Web Development teaching students about their basics and implementation in real world problems using hands-on practice at the same time.
- Managed and organized for the first time 'Xenith-2k16' which is a three-day mini techfest comprising of hackathon,tech-talk,a technical quiz and a gaming event happening at the same time.

Mozilla Firefox   *JIIT, Noida*

STUDENT AMBASSADOR   *Dec. 2015 to Present*

- Organised " Mozilla Privacy Month " in JIIT and told students about privacy tools of firefox and about data privacy and security.

Honors & Awards

College-level

2015	**1st Place**, Hackathon named 'TEMPLATE-VISTA' organised by IEEE student Branch	*JIIT , Noida, INDIA*
2016	**2nd Place**, 'HACKAMANIA' organised by OSDC and IEEE student branch	*JIIT , Noida, INDIA*

Skill Set

Experience, C, Java, Python

Moderate, C++, HTML, CSS, PHP, JavaScript, Android, MySql, Machine Learning and Data Analysis

Familiar, C-Sharp, Pl-Sql

Framework, Django(Python), Angular(JavaScript), BootStrap and Materialize(CSS), Swing(Java)

Tools, Git, Android-Studio, Adobe(Photoshop+Illustrator), OpenCV

Projects

Year 2016-2017

Driver Drowsiness Warning System Using Visual Information For Both Diurnal And Nocturnal Illumination Conditions *Sept. 2016 - Dec. 2016*

SOFTWARE DEVELOPMENT

- This real-time system works under varying light conditions (diurnal and nocturnal driving) using calculated drowsiness index.
- Implemented Classifiers and Machine Learning Algorithms using Python3.3 as backbone to built the product and used Scikit-Learn and Self Developed SVM to do the task.

StegoSoft *Nov. 2016 - Dec. 2016*

SOFTWARE DEVELOPMENT

- Developed a software that implements Steganography i.e.,practice of concealing a file, message, image, audio or video within another file, message, image,audio or video.We used text messages and text files to conceal them in mp3 music of your choice and implemented both encryption and decryption of message concealed at both ends.

Demo Distrubuted Denial Of Service Attack *Oct. 2016 - Dec. 2016*

WEB APPLICATION DEVELOPMENT

- Used the Agent-Handler model, where - Client software used to communicate with the bots/agents - Agent Searching is done - Handler installed in compromised system - Agent software performing attack is developed, to develop a small scale demonstration for distributed denial of service attack.Used UDP flooding and TCP-SYN attack mainly.

Goods Delivery Tracking Tool *Mar. 2016 - May. 2016*

WEB APPLICATION DEVELOPMENT

- A web tracking tool for goods delivery companies to track their fleets of vehicles with GOOGLEMAP(API).
- A blend of Clark-Wright and Sweep algorithm ,Google Web ToolKit and GoogleMaps(API), Algorithms developed using core Java are used to develop it

Run From Zombie *May. 2016 - June. 2016*

GAMING APPLICATION DEVELOPMENT

- A 3D Android and PC playing Game with the help of UNITY 5.0 Tool named "Run From Zombie".It is a Two level Game Programmed with the help of 'C-sharp' .
- Contributed in the game currently in developing stage of Unity Foundation started in European workshop taken by professionals.

Chiromania *May. 2016 - June. 2016*

WEB APPLICATION DEVELOPMENT

- A tool for Linux based on Python having combination of Scripts that are basically written in Bash and Python that are used to tackle the daily needs of day to day life of a student.

- ** For more details about my previously developed projects and experience please follow my linkedIn profile and my website; Maximum projects are open sourced.