Tushar Sangam

CONTACT

202,Om Shree Sneha Bldg,
Mahatma Phule Road,
Dombivli West, Maharashtra
,India

███████████@outlook.com
███████████████s.com/
+91███████

WORK EXPERIENCE

AlgoSurg ,Indian Institute of Technology Bombay
June 2016 — Present

Research Assistant/Intern

Evaluating cloud deployment solutions for the application.
Development of add-on modules for Tabplan3D user interface- '3D surgery planning software'

- Developed a LeapMotion module for user interaction in WebGL based 3D environment
- Created **window level contrast and brightness** control module for medical images
- Developed a web-based user interface for demonstration of **statistical shape model** of Knee Joint bonesusing WebGL
- Developed a web-based user interface for demonstration of **Self-Organizing maps (**Shape morphing)

CSI-RAIT
June 2015 — May 2016

Research Wing Head

- Successfully **proposed an idea of "Startup Sutra"** a tech talk by multiple entreprenuers and executed it along with a team,
- Conducted various **Tech Talks** throughout the year 2015-16 for CS students
- **Three tier Android app for CSI RAIT :** An app to add fest entries into web database and retrieve it developed using android and PHP, MySQL.
- **Online Portal :** View reports of Techfest entries to keep track of daily records easily using technologies of JQuery, PHP, MySQL and Bootstrap.
- Implemented **Digital Certificate** and **Digital Signature :** To provide authenticated and digital certificates to all the participants using PHP, TPDF library and MySQL.
- **Mailing System** to deliver **Digital Certificates :** System to send certificates to appropriate participants using database handling using PHP mailer and MySQL.

RAIT
June 2015 — May 2016

B.E.Project

- Made **BE** project with **Persistent solutions** in **Document Similarity using cosine similarity**
- Application is usable at small scale abstract duplication detection at paper comeptitions held by the college
- Our project helps to find one vs one similarity or one vs many similarity
- Was developed using python and was deployed on web server

WebTechnologist Level 2 (pursuing)
December 2014 — Jan 2015

Intern/Student

- Developed **Web Projects** using PHP, MySQL, JQuery, HTML and CSS :
- Developed Service Management System in **Code Ignitor Web Framework**.
- Developed Content Management System using **Wordpress**.

ACADEMIC ACHIEVEMENTS

- Ranked **First** in the school in English Preliminary Exam conducted by Tilak Maharashtra Vidyapeeth in the year 2005
- **Trained around 100 Third Year Computer students**on PHP in a workshop.

TECHNOLOGIES WORKED ON

-C
-JAVA
-Android
-HTML5
-CSS
-Javascript

-3js
-Mysql
-PHP
-Python
-Leap Motion
-Softwares - Adobe Photoshop, Coreldraw, Illustrator, Adobe Flash 8
-Linux Server OS- Centos7, few networking concepts such as tunneling, vnc connection, ssh connection, etc
-Virtual machine hosting using google cloud and Microsoft azure

QUALIFICATIONS

- Monster India Member Certified- **Android Certified Progammer**
- Monster India Member Certified- Level 1 (completed) and Level 2 (pursuing**Web Technologist**
- Pursuing **Interactive Computer Graphics** at Udacity online course

EDUCATION

B.E. in Computer Engineering   June ,2012 — June,2016

RAIT,Mumbai University

Obtained the degree with CGPA 7.79
Key Subjects Studied -
Database,Operating Systems ,Computer Graphics,Data Structures,Data Warehouse & Mining ,etc

HSC   Feb,2011 — Feb,2012

Mumbai Board

Cleared the HSC with 86% aggregate
Obtained 515/600
MHT-CET- 140/200
Key Subjects - Physics, Mathematics, Chemistry, Electronics

SSC   Mar,2009 — Mar,2010

Mumbai Board

Cleared the SSC with 91% aggregate
Obtained 592/650
Key Subjects - Mathematics, Science, History, English, Marathi, Sanskrit

INTERESTS

- Playing graphical rich and popular video games
- Indian History Enthusiast especially pertaining to Maratha history and events
- Fitness Buff
- Character Sketching on an occasional basis

REFERENCES

Dr█████████, Founder█████████
Website : www█████████
Email:█████████

Prof█████████, Project Guide█████
Email█████████@gmail.com