AMOGH TRIPATHI

Looking forward to work as Software & Mobile Application Developer and to contribute efficiently my skills and abilities for the growth of the organization while enhancing my skills & knowledge

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Projects

Tele-Touch Home Automation (ongoing)

A smart way to interact with the electric appliance in the house. Each electric device is assigned a static ip, & a mobile device with the help of the camera identifies the ip when it's hovered over it, which then pops the options to control the device.

SQRA – NO PROXY   (APRIL 2018)

A smart QR attendance system which reduces the effort of the teachers to mark the attendance of the students. A QR code is generated via app which is then given to the students to scan & fill their roll number in and it doesn't allows any proxies.

Bit Math   (JAN 2018)

Worked with animations and interactive layouts, concepts of probability are applied to generate random numbers with increasing difficulty

Expense Manager App   (JULY 2017)

It is tough to keep track of expenses on a trip. Expense Manager is an app which helps to keep record of expenses during a trip, and also, shows balance from allocated budget. We can add, update or delete expenses. It saves our time and money by keeping a clean and accurate record of it.

Other Important Projects are:

Student Result System.
Home Lock System (IoT).
FIFA Player Selling system.

Positions Of Responsibility

- Speaker & Coordinator of Android Workshop, Mobile Quiz, Enigma-2, Crptox at Galgotias College (2015 - 2017)

- Coordinator of Japanese Anime Cosplay event "Animatsuri", Rendezvous IIT-Delhi (2016)

- Coordinator/Member LOOP Programming Club, FRAG Gaming Club, Extreme Club, Sports Club, Enthiran Club (2015 - 2017)

- First Stopper || Right-Back at Galgotias College of Technology Football Club (2015 - present)

Experience

Python Development Trainee (JUN 2018 — AUG 2018)

- During the Training, I learned Python basic functionalities and various modules.
- Learned and implemented various Machine Learning algorithms(i.e. K-mean, Decision Tree etc.).

Managineers Education Services India (P) Ltd.
(MAY 2018 — JULY 2018)

- Worked on Web Development using JQuery, JavaScript, HTML & CSS.
- Learned Java AWT.
- Learned Email & Social Marketing and Promotions.

RED HAT ETHICAL HACKING
(MAR 2018 — MAR 2018)

- During the Training, I learned about SQL injections, working of Burp Suit,Hydra and Havij.
- Implementation of brute force attack using Tor and Hydra.
- And learned about online security.

Android Development Trainee, Summer Training at HEWLETT PACKARD ENTERPRISE
(JUN 2017 — JULY 2017)

- Learned basics of Android Application Development
- Awarded A+ Grade in Android Test at Hewlett Packard

Educational Qualification

- Bachelor's Degree in Computer Science and Engineering | Dr. APJ Abdul Kalam Technical University (State Govt.) | Galgotias College of Engineering & Technology Grad 2019 (expected) | 64% (till 7th sem)
- Secondary School from CBSE Grad 2014 | 69.00%
- High School from CBSE Grad 2012 | CGPA: 10/10 - A1

Skills and Competencies

- Android App Development
- Java Programming
- C/C++ Programming
- HTML and CSS
- Firebase (novice)
- MySql
- Software Engineering
- Algorithms
- Arduino, IoT
- JQuery
- Python

Achievements

- 2018 Semi-Finalist in Zonal Football Competition
- 2017 3rd place, D/Encryption Event, Technical Fest
- 2017 WINNER, CODE HUMMER event, Technical Fest
- 2016 3rd place, CODE HUMMER event, Technical Fest