

AKASH DAS

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EDUCATION

Indian Institute of Information Technology Sricity

Junior Undergraduate

Computer Science Engineering

August 2014 - Present

Overall GPA: 8.33/10

TECHNICAL STRENGTHS

Computer Languages

C, C++, Python, JAVA(Basic), Embedded C

Scripting Languages

Bash(Basics), Ansible

Software & Tools

Excel, Web2py, NMAP, Wireshark, Arduino IDE, SUMO, Firewall, Django

Markup Languages

HTML, CSS, UML, TeX

EXPERIENCE

Internship at Recall Software Pvt. Ltd.

May 2015 - July 2015

Intern

- Done work on virtualization and server administration.
- Deployed dummy proxy servers and configured own DNS servers.
- In addition to that learnt about tools to monitor the network statistics like Nagios, Cacti, e.t.c.

Internship at ITS (Tata Steel)

May 2016 - July 2016

Intern

- Worked in a team of six people and learnt about the ERP structure of Tata Steel.
- Worked on SAP(Sales and distribution module) and has done work on configuring sales area, making new window interfaces using ABAP
- Received Certificate of Completion for successful completion of the project.

Internship at SLK Global Solutions

June 2017 - August 2017

Consultant

- Worked with the Enterprise Security and Risk Governance team on the analysis of past malware attacks in the company.
- Simulated different kinds of vulnerabilities which are there in OWASP top 10 list and suggested ways to tackle these.
- Done analysis on HR data for the company's BCP plan.
- Made one software to automate the access control system of the company by integrating Nucleus, AD and BIS(Building Integration system).

PROJECTS

DTMF controlled Robot

- Technologies used: Arduino, Embedded C, Java

Developing P2P chat communication application

- Technologies used: C/C++, Python, Socket Libraries, Linux

Hostel Portal

- Technologies used: Javascript, Web2py, Python, CSS, HTML, Sqlite

Visible light communication

- Technologies used: Technologies used: Embedded C, Java, Arduino IDE, Multiprocessing

Real Time Breach Detection System

- Technologies used: Python, Metasploit, Django, HTML, CSS, PCAP libraries, Port Mirroring

Appropriate

- Technologies used: Python, Django, Ionic, Javascript, HTML, CSS

B.TECH PROJECT

Hate Speech Detection and Classification

- The main aim of this project is to distinguish between hate speech and non-hate speech and to classify the hate speeches into different categories which are spread by people in social platforms and to stop these kind of hate speeches.

ACHIEVEMENTS

Selected for Smart India Hackathon

- Got Shortlisted for Smart India Hackathon to participate in the grand finale. Real time breach detection system was made in the finale for ISRO(Indian Space Research Organisation).

Represented School in Maths Olympiad

- Represented my school in the regional Maths olympiad held at Jodhpur, Rajasthan.

RELEVANT COURSES

Core Courses

C Programming
Data Structures
Algorithms
Computer Networks
Principles of Information Security
Software Engineering
Computer Organisation & Computer Architecture
Theory of Computation

Other Courses

IT Systems
Fundamentals of Communications
Maths-1 & Maths-2 & Maths-3
Differential Equations
IT Workshop I/II
Digital Logic and Design

POSITION OF RESPONSIBILITY

Technical team member

- Full time member of our college's technical team for the college's cultural fest and college's official website. A site for the respective was made which was available online in the url abhisarga.iiits.in and iiits.ac.in respectively.
- Do pen testing on the website to solve problems which may affect our institute.
- Contribute to the solutions that should be done in making the college's website more secure and robust.

Network Administrator

- I have been working as the student network administrator for the server management and network security of our college's campus.

- Worked on setting up of college's network and solve the problems that come in maintaining the network, like load balancing, configuring firewalls, making scripts to monitor the network stats, e.t.c.

EXTRA-CIRRICULAR

Secured Silver in Regional Cricket tournament.

Selected for nationals in Cricket.

Secured First position in Volleyball tournament held in college.

Represented school in regional Badminton competition.

Won badminton tournament held in college.