SAI CHANDRA MOULI TADIPARTHI

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# Objective

A budding software engineer seeking opportunity for an internship in the field of cybersecurity as a malware analyst or related in an intriguing corporate environment that focuses on malware detection, cybersecurity, networks and digital forensics to learn and to enhance own skills, while making a significant contribution to the success of the company.

# Education

## Degree

* Course: B.Tech. – Computer Science and Engineering
* Institution & University: Amrita Vishwa Vidyapeetham, Coimbatore
* Period: 2017-2021
* CGPA: 9.54/10 (4th Semester)

## Higher Secondary Education

* Stream / Subjects: Physics, Chemistry, Mathematics
* Institution: Narayana Junior College, Kakinada
* Period: 2015-2017
* Board: Board of Intermediate Education Andhra Pradesh (BIEAP)
* Marks / Grade: 975/1000 (97.5%)

## Secondary Education

* Institution: Narayana e-Techno School, Kakinada
* Period: 2014-2015
* Board: Board of Secondary Education, Andhra Pradesh
* Marks / Grade: CGPA – 9.8/10 (10th SSC)

# Areas of Technical Interest:

1: Web and App development

2: Cloud Computing

3: Internet of Things

4: Networks and Cybersecurity with special interest in web, reversing, forensics

# Projects

1.Topic: Deep Learning Segmentation Logic (August 2019)

* + Objective: To log accurate time-stamps of the audible voice clips in a continuous audio stream
  + Tools or techniques used: Bi-directional LSTM, Google Colab
  + Outcome: A DL model that reads a large audio file and segments the audio with an accuracy >95%

2.Topic: Research paper on Vulnerabilities in Telegram (Social Media App) (April 2019 – Present)

* + Objective: To find vulnerable spots ranging from application layer to transport layer in common IM apps
  + Tools and techniques used: MobSF, source deobfuscation
  + Outcome: Work in progress

3.Topic: Survey on performance of few object detection algorithms for mobile platforms

* + Objective: To prepare a survey paper on few available object algorithms that are portable to android and to compare therir performance
  + Tools or techniques used: Android Studio, TensorFlow
  + Outcome: work under progress

4.Topic: Amrita Event Log (November 2018 – December 2018)

* + Objective: To build an Android App to gather and display details of all ongoing events
  + Tools or techniques used: Android Studio, Firebase
  + Outcome: An android app that displays details of all ongoing events

**Other Technical Qualifications:**

* Programming languages known: C, C++, Core Java, Python
* Tools: Android Studio, socket.io,
* Adequate knowledge in MERN stack (using both RDS and Non-RDS)
* Certified by CISCO on

1. CCNA course
2. Cybersecurity Essentials
3. Linux Essentials

* Attended workshops conducted by CISCO on dev\_net API design and fundamentals of IoT
* Adequate knowledge on both Linux and Windows environments

# Achievements, Scholarships, Honors, Contributions:

* Participated in various CTFs like HACKCON, XIOMARA CTF (by AMRITA), BCACTF, GOOGLE BEGINNER’S QUEST CTF, Cyber Disease
* Ranked 109 in CODEFEST-CTF by IIT-BHU
* Country Rank of 91 on CTFTIME.org
* Ranked 76 of 450 in AFFINITY CTF by Akamai group
* Conducted a workshop on Glimpse of Cybersecurity and CTF contests
* 2nd Runner up in SLAC Honeywell Hackathon 2019
* Attended ACM Summer School on Cybersecurity and Data Analytics at IIIT Delhi in July 2019
* Elected Executive office bearer of ASCII and CSI clubs (2019 – Present)
* One of the branch toppers in 2017-18 with a SGPA of 9.8/10
* Recipient of Amritanidhi scholarship based on AEEE entrance rank
* Winner of academic excellence award in 11th and 12th standards

**Extra-Curricular Activities:**

1. Member of Sahaya, ASCII, and NSS.
2. Student coordinator for End2End Security workshop conducted by Cisco for Anokha 2019.

**Personal details**

* Date of Birth: 29th July 1999
* Language proficiency: Telugu, Hindi and English
* Hobbies / Interests: Reading novels, playing keyboard, playing Badminton and football
* Contact Address: G.305, Amrita School of Engineering, Ettimadai, Tamil Nadu-641112
* Permanent Address: Door.no: 7-4-23, Seshasai street, Ramaraopeta, Kakinada, Andhra Pradesh-533004

**I hereby declare that the above-mentioned details are true to the core of my knowledge and any mistakes are unintentional.**

# Place: Amrita Vishwa Vidyapeetham, Ettimadai Signature:

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# Date: October 10, 2019 (Name: T Sai Chandra Mouli)