

AVI BOMB

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EDUCATION

National Institute of Technology Trichy (REC Trichy) *Expected Graduation Date: May 2021*
B.Tech. in Computer Science and Engineering

POSITIONS OF LEADERSHIP

Festember Media Relations, College Cultural Fest Committee **October 2018- Present**

Responsible for pitching in Ideas and bring media coverage and Sponsorship to the College Cultural Festival one of the largest held in India

Head of Club, School IT Club **Jan 2016- Jan 2017**

Created a platform for all Computer Science enthusiasts to discuss current advancements in technology

Organized competitive coding events and training sessions for students

Conducted enlightening paper presentations and called experts in the field of Machine Learning, Artificial Intelligence and Augmented Reality to share their deep insights

Digital Designer, School Editorial Board **June 2014- Jan 2017**

Designed, formatted and edited the certificates for school prizes

INTERNSHIP

Intern, Swadha Energies, Chennai, India **June-July 2017**

Presentations on technology for the CEO

Analyzed various data being returned back from daily consumption of the research park to determine the optimal way to run the VFD's

Resolved different issues on the malfunctioning of the device

Intern, Netmine Mobile Innovations Private Limited, Chennai, India **June-July 2018**

Data Migration from Amazon Database to SQL Database

Data validation and URL Authentication

Enable custom report generation

Data Synthesis

Model for Prediction of success using Machine learning

ACTIVITIES, SKILLS AND INTERESTS

Technical Skills:

- **Language/Scripting:** C++, C, Java Script, HTML, CSS, Bootstrap, PHP, Flask, SQL, SQLAlchemy and Python (Learning JQuery, ReactJS, Django, MongoDB and NodeJS)
- **Data Analysis:** Machine Learning (Octave and Python)
- **Database:** MySQL
- **Security:** Basic knowledge of malware, Firewall
- **Hardware:** Basic understanding of Hubs, Servers, Switches, Operating Systems and Java Virtual Machine
- **Basics of Networking:** Ethernet, TCP/IP and LAN/WAN/MAN

Soft Skills and strengths:

- Good communication and interpersonal skills
- Good analytical skills
- Focused and punctual
- Friendly
- Quick learner

Field Related Activities:

- Building a chess engine using Supervised Learning Algorithms, where the machine is trained by learning from over 50,000 grand masters games
- Have won The Technotalent award for student with the best programming skill in school
- Won inter school competition in Digital Movie-making
- Regular participant of IT inter school quizzes and “TCS IT WIZ” since Grade IX
- Have represented school for “Paper Presentations”, “Find The Error” and “Find The Output” competitions
- Have programmed in C++ games such as Hangman, Tic Tac Toe, Snake and Ladders, Casino and Hand Cricket

Other Activities:

- Was part of the school swim team and won several awards
- Participated in inter school and college Debates
- Represented School teams in sports like cricket, Badminton and Basket Ball and won numerous awards
- Won several prizes in college for Channel Surfing, Movie Spoof, Green Screen and Ship Wreck.
- Won multiple quizzes for the institute