NAREN SAIRAM

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# **Objective**

Having keen interest in Algorithms and Computer Programming, I’m interested in pursuing my career in Software Development and Data Science. Currently in my 4th semester in **Computer Science and Engineering at NIT Trichy**. Project experience in both **Software Development** and **Machine Learning** including Regression, Classification and Natural Language Processing (NLP). Seeking a summer internship during 2020, which I believe, will be a great opportunity for me to learn, apply and expand my knowledge in the field of my interests.

# **Skills**

* **Programming Languages**: C++, Python, Java, JavaScript.
* **Software Development:** Android App Development, Django, Flask, HTML5/CSS3
* **Machine Learning:** Scikit-Learn, spaCy, NLTK, numPy.
* **Tools:** SQL, Git.
* **Operating Systems:** Linux, Windows.

# **Education**

**National Institute of Technology, Tiruchirapalli.**

* BTech in Computer Science and Engineering | Expected: July 2022
* Cum. CGPA: 8.96/10.
* Coursework (Undergraduate): Algorithm and Data Structures, Operating Systems, Automata and Formal Languages, Introduction to Probability and Statistics, Digital Communication and Networks.
* Coursework (Independent/Online): **Applied Machine Learning and Text Mining in Python (Coursera - University of Michigan),** **Android App Development.**

**P.S. Senior Secondary School, Mylapore, Chennai.**

* Grad. | May 2018
* Mathematics and Science with Computer Science (C++).
* AISSCE XII: 96.6%, X: 10 GPA.

# **Experience**

## December 2019 – January 2020 (Winter)

### **Data Science Intern** | **SightSpectrum, Chennai**

* Built a **text mining** web application (**Resume Miner**) that **parses resumes** that are uploaded from a recruiter’s collection, along with a search engine for recruitment team.
* Constructed a name entity recognition (NER) model with **spaCy** to extract necessary entities such as Experience, Skills, Education, Roles etc.
* Designed and Implemented the search engine using **Flask (Python)** with **PostgreSQL**.
* **Currently used by the recruitment team**, with scope of expansion.

## August 2019 – Present

### **Software Developer** | **Spider R&D Club of NIT Trichy**

* **Developer at the R&D Club of NIT Trichy**, which handle both research and development work for college activities such as sport events, symposiums, technical and cultural meets.
* Organized and conducted Android App Development workshop for more than 300 freshers. Prepared workshop contents for the topic, and delivered class room sessions and guided hands-on exploration.

# **Projects**

**SPORTSFETE APP** | Sept 2019 – Oct 2019

* An official **android application** for **Sportsfete**’19, NIT Trichy’s annual Inter-Departmental Sports Fest.
* An appealing User-Interface, built with many traits like Schedule, Leaderboard where users get **real time sports feed** such as Commentary and Player Achievements.
* Built the UI with **Material Design,** player search and a pre-match voting feature which enabled users to predict match results.
* Used by more than 3000 students each year.

# **Achievements**

* Qualified for **Indian National Olympiad in Informatics (INOI) 2018** through Zonal Computing Olympiad (ZCO).
* Top 5 in **Siemens MakeIT Real Hackathon 2019,** held at Bangalore.

# **Extra Curriculars**

**Mridangam Player**

* Classical Indian percussion instrument player for over 7-years.

**Table Tennis**

* Played Table Tennis sub-junior at Tamil Nadu State level. Now currently representing the college team.