**KANAMATHAREDDY P S SAINATH REDDY**
3515 SW 39th Blvd,Apt 02D,Gainsville,Fl-32608**|**+1 5203019091**|** sainath@ufl.edu

**OBJECTIVE**
To develop in an abode of excellence and growth and secure a job which will provide me job satisfaction and self-development and help me achieve a good position in your company fulfilling organizational goals.

## EDUCATION

**University of Florida, Gainesville, Florida**
Masters in Computer Science and Engineering, Expected Graduation in Fall 2018.
- Major Courses: Computer Graphics, Natural Language and dialog systems, Distributed Operating Systems, Computer Networks.

**SASTRA University, Tamilnadu, India**
Bachelors in Information and Communication Technology, Graduated in 2016.

- GPA: 7.83/10.
- Major Courses: C, C++, JAVA, Data Structures, Algorithms, Computer networks, Digital Signal processing, Digital Communications.
- Clubs and activities: Treasurer and events manager at SEDS SASTRA chapter, Conducted live stream of astronomical events, member in ACM, IEEE.

## TECHNICAL PROJECTS

A novel cryptographic system using Sudoku puzzles and AES algorithm.
- Implemented Sudoku puzzle to generate and send keys to both parties.
- Implemented modified AES Encryption-Decryption System using those keys.
- Analyzed the strength of encryption system.

"**Can Sat**" a miniature satellite.
- Tested and controlled miniature satellite using raspberry pi module.
- Responsibilities include managing Linux system in module and communication system.

Wiki analysis
- A novel idea to test how deep Wikipedia is.

## WORK EXPERIENCE

- Interned in **Android Application Development** at **Prime-bit Solutions** for 45 days.
- Lab assistant for Microsoft lab school of computing at SASTRA University form June 2014 to April 2015.

## ADDITIONAL SKILLS

- Developed an **Android application** for **School of Computing** at **SASTRA University in July, 2014.**
- Published paper on use of Sudoku puzzles for generating keys and implementing advanced encryption system.
- Good with team skills and time management. Organized workshops on networking, Cloud Computing.
- Headed and Conducted SEDS-INDIA National conference.

Websites:
- www.sastra.edu/sinc14.

- soc.sastra.edu/ictas

- www.sastra.edu/techcarnival4

Linked in: https://in.linkedin.com/in/sai-nath-reddy-9782b85b