Bharath Chandra Thota

+1 (213)477-3607 ● bthota@usc.edu ● linkedin.com/in/bharathchandrathota ● github.com/bharath8121

2700 Ellendale Pl, 318, Los Angeles, CA 90007

EDUCATION

University of Southern California, Los Angeles, CA   **Aug 2018 – May 2020**
Master of Science in Data Informatics   *(Expected)*
Coursework: Data Management, Machine Learning

JNTU, Hyderabad, India   **Sep 2013 – May 2017**
Bachelor of Technology in Computer Science and Engineering   *75%*
Coursework: Data Structures, Databases, Software Engineering, Operating Systems, Algorithms

WORK EXPERIENCE

CYIENT India.

Security Analyst *Intern*   **Jul 2017 – Dec 2017**

- Worked on Intrusion Prevention System, Vulnerability Management, Content Filtering, Security Incident and DDOS mitigation.
- Analyzing Traffic and its flow, identifying activities and taking actions accordingly if found suspicious.
- Dealt regularly with various vendors, clients, users and fellow employees to provide prompt and reliable service to various networks.

TECHNICAL SKILLS

- **Languages:** C, Java, Python
- **Web Technologies:** HTML, JavaScript, jQuery, Bootstrap, AngularJS, PHP, AJAX, Flask
- **Databases:** SQL, PL/SQL
- **Tools:** Visual Studio Code, Eclipse, Android Studio

PROJECTS

Optical Character Recognition with Raspberry Pi   Languages/Tools: Python, OpenCV

- Designed circuit and programmed sensors to convert images to text and further into speech using Python programming language and Pytesseract module.

Unique Paper Shuffler   Languages/Tools: HTML, JS, CSS Flask, SQL

- Developed web application using Flask, HTML, CSS and JS to generate unique set of question papers by taking list of questions.

Mobile Bot   Languages/Tools: Python, Android, SQLite3

- Programmed an android application to assist user in interacting with mobile phone in a complete hand free mode by connecting to server created with Python.

Personalized Music Player   Languages/Tools: Python, GTK+, GStreamer

- Implemented desktop application using python and GTK+ to connect to Internet and downloads songs from mentioned album.

ACHIEVEMENTS & EXTRA-CURRICULARS

- **Hackathon Winner**: Winner of a "Centralized Hackathon" conducted by Maker Space Foundation on IoT in undergrad university.
- **Member of IoT club**: Member of IoT club in undergrad university and developed three products while working in club.
- **Founder of Department Magazine**: Founder and Technical Head of Computer Science and Engineering department magazine of my undergrad university.