

Surya Teja Tadigadapa

☎ 217-819-7668 ✉ tadigad2@illinois.edu 🌐 suryatejatadigadapa

EDUCATION

University of Illinois, Urbana-Champaign - B.S. in Computer Engineering

Exp. May 2017

Courses: Computer Systems Engineering (Operating Systems), Data Structures, Databases, User-Interface Design, Computer Systems & Programming

Skills: C, C++, Python, Assembly, JavaScript, HTML, CSS

EXPERIENCE

IBM, Mumbai – Application Consultant

June 2014 - August 2014

- Developed and demoed 4 Sample Application on the IBM Bluemix platform.
- Added Twitter and Twilio functionality for the applications.
- Worked with startups to understand their technology needs and overall strategy and helped them get access to IBM products to reach their goals.
- Appointed as the point of contact between the IBM GEP Team and 4 Startups.

Internet of Things @ Illinois, Urbana-Champaign – Founder

August 2014 - Present

- Started an organization that works on creating connected and smart devices and explore the Internet of Things in more detail
- A smart coffee maker that accesses a user's alarm clock and self-starts itself when the user wakes up
- Worked with SparkCore micro-controller, iBeacons and iOS to automate lights via the Internet
- Implemented a feature that controls lights based on weather and time data
- Working on creating a voice-controlled microwave

PROJECTS

Data Analysis and Visualization

Present

- Working on a data analysis and visualization project in python by performing operations on some US census income data
- Using python libraries such as pandas and numpy to extract, clean, manipulate, analyze, and visualize the data set
- Working on analyzing trends such as Age v/s Income and Field of work v/s Income

Safety Pin

Present

- Designing and developing a website to showcase crime prone areas in Urbana sorted by different crime categories like murder, theft and assault
- Implementing heat maps to depict safety in and around Urbana, using criminal records spanning over 10 years

What's On?

December 2015

- In a team of 4, designed and developed a chrome plug-in to make TV information easily accessible
- Plug-in provided users with details of shows and movies available on Prime Time and Online streaming services
- Created a Python script to access information in real time using Rovio and Guidebox API's and showcase it