

Srikrishna Acharya B

Multi-disciplined Engineer seeks technically challenging roles in Connected UAV/UGV frameworks.

PROFESSIONAL EXPERIENCE

RBCCPS – IISc, Bengaluru — *Ph.D. Scholar*

AUGUST 2017 - PRESENT

Working as a research scholar exploring areas related to smart cities and applications of UAVs extending to digital civic platforms.

RBCCPS – IISc, Bengaluru — *Project Associate*

JULY 2016 - JULY 2017

Worked as hardware/firmware Engineer in various projects related to the smart city in various domains like street light, energy, water, and air pollution, etc.

Zenatix Solutions, Gurgaon — *Associate, Technology*

OCTOBER 2014 - APRIL 2016

Part of the core team of Super Cool Startup, Accountable for all the hardware and firmware modifications, designed new solutions, and integrated with our current products.

STMicroelectronics, Greater Noida — *Intern*

JULY 2013 - JUNE 2014

Worked with the Advanced Systems Technologies (AST) group on various research problems in the area of 3D computer graphics and image processing.

Tata Consultancy Services, Chennai — *Assistant System Engineer*

MARCH 2012 - AUGUST 2012

Worked in DOTNET group, Trained in developing ICT Systems using MVC architecture.

PROJECTS

802.11n based WSN — *IIIT-Delhi (Smart Campus Initiative)*

A collaborative project between UCLA and IIIT-Delhi. As part of the project, deployed several sensors in hostel rooms for energy, temperature, presence, and activity monitoring.

Video Conference System — *STMicroelectronics*

Developed a framework that allows the users to exchange their real-time audio and video streams.

Wifi and Modbus Based Sensors — *Zenatix Solutions*

Using various out-of-box wifi modules to build temperature sensors and integrated with the existing solution. Designed generic Modbus sensor interface which allows different sensors like Light, Temperature, GPIO control for Relays, UPS Battery Sensing, etc.

Remote Management System for IoT — *Zenatix Solutions*

A Virtual Private Network is set up to connect all the end nodes for Remote control and configuration.

Connected Drone Systems — *Rbccps*

As part of developing the framework for Agent-based architecture for connected drone systems, conducted an initial set of experiments using micro data-center/street-cloud to aid drone navigation.

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EDUCATION

IIIT-Delhi

M.Tech(2014) — 9.25 CGPA

GPREC

B.Tech(2011) — 75.2%

Narayana Junior College

Intermediate(2007) — 91.4%

Montessori High School

Class X(2005) — 87.16%

Summary of Experience

Experience in Embedded Devices Programming, Hardware Designing

Middleware and Gateway Design

Practical understanding & knowledge in Cloud Computing

Familiar with script automation using Shell Script, Python

Familiar with Big Data platforms like Spark, Storm, HDFS.

Languages

C/C++, Python, and Java.

Honors & Awards

Time 2006 person of the year

Secured 1st place in paper presentation, EVINCE-2009.

Worked as a member of the public addressing committee of National Level Technical Symposium, Jignasa-2009.

Coordinator of IEI Students chapter of our branch for academic years 2009-2010 and 2010-2011.

Placement committee member for the academic year 2012-2013.

Interests and Hobbies

Reading, Travelling, Playing Chess and Numismatics.