Kaushik Neelichetty

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Education

SRM University
B Tech in IT
Completed May 2017
CGPA - 9.89/10

Mentoring

Organizer, IoTA(iotalliance.in)
Tehnical Organizer, IT Association
Teacher, TechBudds, Initiating Fusion

Awards

Recipient of the **Shri Dewang Mehta Excellence Award – 2017** awarded by NASSCOM and SRM University on 22nd March 2017.
Recipient of the **University Merit Scholarship**

Links

kaushikneelichetty6132@gmail.com
LinkedIn://KaushikNeelichetty
GitHub://KaushikNeelichetty
YouTube://Kaushik575
Twitter://@kaushikneel
IoT Alliance [www.iotalliance.in]

Skills

Programming - Embedded C, Python, C, C++, Java, Shell, JavaScript, CSS, PHP, Assembly, Matlab, R
Open Architecture - Arduino, Raspbeery Pi, Intel Galileo, Spark Core
Big Data - Hadoop
DBMS - MySQL, MariaDB
Computer Networks

Areas Of Interest

Internet Of Things
Embedded Systems Programming
Data Science and Big Data Analytics

Publications

June 2017 — **Design and implementation of a service based testbed and working platform for the Internet of Things**
Paper submitted for the PICom2017 conference.

April 2017 — **IoT Sensor Data as a Service: A new approach**
Paper submitted for publication in JCOMSS, a SCOPUS indexed journal.

24 Feb 2017 — **Building Automation and Energy Control using IOT- Smart Campus**
Oral presentation at the ICCCT'17 conference.

June 2017 — **Building Automation and Context Aware Energy Consumption Using IoT - Smart Campus**
Paper submitted for publication in IJAER, a SCOPUS indexed journal.

June 2017 — **Smart Garage**
Paper submitted for the ICECDS 2017 conference.

Workshops

Speaker at a workshop "Resonate 2.0: IoT" conducted by IoT Alliance, in collaboration with Pinnacle on September 17,2016.
Speaker at a workshop on Internet of Things conducted by IoT Alliance at "Domain Academics" event of Aaruush'16 held in the month of August 2016.
Resource Person for a workshop titled "Internet of Things" conducted by Gnanamani College of Engineering, Namakkal held on 3rd September 2015.
Attended the "Global Initiative of Academic Networks (**GIAN**)" course on "Internet of Things (IoT) Security: Issues, Innovations and Interplays" organized by IIT Patna during 12th to 16th December 2016.

Projects

Design and implementation of a **IoT Testbed and Development Environment**. [Undergraduate Major Project].
Anti-theft device for CCTV cameras based on Arduino Uno and Raspberry Pi. This project was funded by the Director (E&T), SRM University.
An **IOT based Weather Station** with Raspberry Pi.
Developed a **cloud data logger** with Raspberry Pi and Arduino Uno.
Developed a **temperature based SMS alert** system with Arduino Uno.
Implemented a four node **cluster supercomputer** with Raspberry Pi.

Internship

May 2015 — **Department of IT, SRM University** — *Intern*
Internet of Things and Embedded Systems Programming

June 2016 — **Department of IT, SRM University** — *Trainer*
Internet of Things and Embedded Systems Programming