

Akul Santhosh

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Education

BTech Computer Science &
Engineering | SOE CUSAT | 2020 |
GPA:9.0/10

Class XII | Computer - Maths
Sree Narayana Kollam | 2015 | 89.2%

Class X | Sree Narayana Kollam |
2013 | GPA:9.0/10

Skills

Languages : C, C++, Python, Swift,
Java, Shell, Basics of R and Matlab

WebDev : HTML, CSS, JS, Django

Simulation : IBM Q, Swift
Playgrounds, Arduino, DragonBoard

Communication : English, French

Extra-Curricular

Placement Coordinator @ Central
Placement Office CUSAT

Organiser @ Neucode Challenge for
Neudesic India
National level placement drive
Handled technical & marketing

Organiser @ National Cyber Security
Conference Kochi
Handled logistics & technical

President @ Cusat Coding Club
Organised monthly coding
competitions
Taught fundamental concepts in CS

Organiser @ Make-a-ton
24hr general Hackathon
Handled logistics & technical

Volunteer @ Kerala Flood Relief
Handled logistics for 5000 students
Recognised by district collector

Work Experience and Internships

- Sept'18-Pre Cofounder Trebuchet, Kochi
Cofounded a startup building a AR application that allow users to
try on clothes virtually.
Incubated in central govt funded incubator CITTIC
- Jun-July'19 Summer Intern Wipro Industrial IOT Centre
Created a semantic system to integrate an IOT lab which can be
controlled through conversations.
- Aug'18 Intern SOE Library, CUSAT
Created a script to automatically setup the environment and install
Dspace on computers inside college library.
- May-Jun'18 Summer Intern Hindustan Aeronautics Limited, Bangalore
Worked on creating a dashboard that compared helicopter trial
runs to predict abnormal functioning in components.

Research and Projects

- July'19-Pre Conversational OS for the visually impaired Major Project
An conversational web based OS which is accessible for the visu-
ally impaired.
Blog: <http://tiny.cc/ezvqaz>
- Jun-July'19 Semantic IOT Lab
Created a platform for interacting with IOT sensors using rich con-
versations and auto generated UI .
Demo: https://youtu.be/4MyNWBz7s_0
- Mar-May'19 PillD - Intelligent Pill Dispenser
An intelligent pill dispenser with alexa, a deep learning model anal-
yses health data, makes intelligent predictions and dispenses pills.
Demo: <https://youtu.be/00aMeKgWskw>
- Sept-Apr'19 ARWare - Realtime Shoe Augmentation Mini Project
An iOS app was created that does real-time mobile semantic seg-
mentation of foot, frame optimising algos with ARKit is used to
create an AR immersion by augmenting 3D shoe model.
Demo: https://youtu.be/jVw1KTLIS_A
- Jan-May'17 NoQStore - Automated Convenience Store
Created a working model of Amazon Go with cheaper components
and voice guided systems.
Github: <https://github.com/akulsanthosh/noQ>

Achievements

- Mar'19 Wipro Hackathon on Industrial IOT
Won 1st place, was offered echo devices and internship offer at
Wipro IOT centre for innovation.
- Oct'18 Pioneer
Ranked 5th place worldwide on pioneer.app competition for AR-
ware.
- Jan'18 Techstars Startup Weekend
Won *most innovative product award* for creating NoQStore.
- Oct'17 C++ NPTEL IIT Kharagpur
Top 2% in India on Nptel C++ certification Exam.
- 2016-Pre College Competitions
Won numerous awards in various college competitions.

References

- Coordinator Dr Sheena Mathew Professor | SOE CUSAT
Phno : 9446509508
Email : sheenamathew@cusat.ac.in
- Guide Pankaj Kumar Bande Sr Engineer | WIPRO IOT
Phno : 9964750099
Email : pankaj.kumar@wipro.com