

Monica Aiswarya Ankireddy

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EDUCATION

NUS - SCHOOL OF COMPUTING

MASTER OF COMPUTING

Jan 2021 - Dec 2022

PES UNIVERSITY

B.TECH IN ELECTRONICS AND
COMMUNICATION ENGINEERING

Grad. May 2019 | Bangalore

Cum. GPA: 8.92 / 10

YBIS

12TH GRADE CBSE

Grad. March 2015 | Singapore

Cum. GPA: 9.58 / 10

YBIS

10TH GRADE CBSE

Grad. March 2013 | Singapore

Cum. GPA: 10 / 10

SKILLS

PROGRAMMING LANGUAGE

Python • C#.NET • ASP.NET •

AngularJS • HTML •

C++ • Matlab • Scilab

DATABASE

Microsoft SQL

VERSION CONTROL

TFS • Github

OTHER SOFTWARE/LIBRARIES

Scikit-learn • PyTorch • OpenCV

• Unity3D • Vuforia • Arduino •

COURSEWORK

POSTGRADUATE(TO DATE)

Data Structures and Algorithms

Data Analytics

UNDERGRADUATE

Artificial Neural Networks

Digital Image Processing

Advanced Digital Image Processing

Network Security

ACHIEVEMENTS

CNR RAO MERIT SCHOLARSHIP

3rd, 4th, 6th, 7th Semester

DISTINCTION AWARD

1st-7th Semester

LINKS

LinkedIn:// [aiswaryaankireddy](#)

WORK EXPERIENCE

NCS HUB | APPLICATION CONSULTANT

July 2020 - Present | Singapore

- Working on a project implementing a queue management system for SingHealth group of hospitals using ASP.NET MVC

WELLS FARGO | APPS PROGRAMMER/ ANALYST

July 2019 - May 2020 | Bangalore

- Worked on a web application called DevSecOps Portal built for automating the process of Secure Software Development Life Cycle using AngularJS
- Worked with the Enterprise Mobility Team in developing a hybrid mobile application using AngularJS
- Previously worked on a VB.NET to C#.NET conversion project, wherein the corresponding application which is in VB6 is being converted to C# code, tested and deployed to various environments.

INTERNSHIP

WELLS FARGO | SOFTWARE DEVELOPER INTERN

January 2019 - June 2019 | Bangalore

- Built a working prototype of "Code Review Tool" that reads data from Team Foundation Server(TFS) and gives statistical data of the number of check-ins, code review requests and code review responses using MVC and ASP.NET

AMEC FOSTER WHEELER | INTERN

June 2018 - July 2018 | Singapore

- Worked with the Department of Instrumentation and Controls on Shell Bukom Refinery project

PROJECTS

MAJOR PROJECTS

Augmented Reality Rendered for IoT Applications

- Using Augmented Reality and Digital Image Processing demonstrated a unique approach to control a large number of IoT devices. Developed an android application using Unity 3D which can sense the environment around using camera and augments buttons on the user's screen upon detection of target.
- In addition to this, a prototype of smart glasses has been built integrated with a Pi Camera and touch sensors to control the toggling of devices using Python and OpenCV library for image processing.

Flight Delay Prediction

- The aim of this project is to predict whether a flight has been delayed or not. Implemented end-to-end data analytics pipeline - data cleaning, EDA, feature engineering and prediction using different binary classifiers.

MINOR PROJECTS

- Counting number of pages in a book using Image Processing
- Automated Claw Machine using Arduino

PUBLICATIONS

- [1] M. A. Ankireddy, A. Rajath, M. R. Ganesh, and M. Anuradha. Augmented reality rendered for iot applications. *IEEE*, 2019.