

YASHISHVIN POTHURI

Email: pothuri@wisc.edu

Telephone: (512) 7182722

GitHub link: <https://github.com/yashishvin>

My website: <https://yashishvin.github.io/>

Education

University of Wisconsin Madison

Sep. 2019-May 2021

BS in Computer Science

C.G.P.A: 3.19

Selected Coursework: Advanced data structures, Matrix methods in Machine Learning, Computer Architecture, Introduction to Algorithms, Introduction to Computer Engineering, Introduction to Digital Information, Building user Interfaces, Linear Algebra, Discrete Mathematics.

Manipal Academy of Higher Education

Aug 2017-May 2019

BS in Computer Science

C.G.P.A: 3.64

(After completing four semesters obtained transfer to UWM)

Selected Coursework: Data structures, Database Management System, Software design using Object Oriented paradigm, JAVA programming, Computer organization & architecture, Design and analysis of algorithms, Operating systems.

Skills

Programming Languages: JAVA, C, C++, JAVA Script, SQL, Python, HTML, CSS.

Tools: Eclipse, SQL Developer, Apache Tomcat, Jboss, Ant, Gradle, React, React Native, Dialog flow

Operating Systems: Linux, Windows.

Work Experience

Intern, National Institute of Oceanography, Goa

April 2018 - May 2018

- Designed data sheets using JAVA &HTML to input various coastal ocean parameters manually and used these data sheets to estimate longshore sediment transport.

Intern, National Institute of Oceanography, Goa

Nov 2018 - Dec 2018

- Got familiar with different networking devices to build a LAN with configuration of 1.2 and 1.3 switches and executed the connectivity of switches in various departments using fiber connection to the primary core switch and the wireless technology used in the institute.

Academic Projects

Course Enrollment System

- Implementing and designing an enrollment system
 - Implemented a fully functional course view and cart view for the enrollment system.
 - Redesigned the system by using different visual design and interaction design principles
 - Made the system more accessible by improving the navigational model
 - Also implemented a recommender system which recommends courses based on the completed courses.
 - Tools used: React, HTML, CSS, JS

Gender prediction

- Designed a classifier by using logistic regression which classifies a given data set according to their gender by taking weight and height as the parameters for classification.
- It demonstrated that logistic regression fares better than linear regression as a binary classifier.

Friend zone

- Designed and developed a JAVA FX based application similar to Facebook in functionality but designed from the perspective of students.
- Worked on this project in a group with two other people

Technologies Used: JAVA, JAVA FX**Super Market Automation Software**

- Designed and implemented the back end of a Supermarket automation software.
- Worked in two phases performed the requirement analysis in phase 1.
- In phase 2 generated the java code required and built on the data base using SQL
- Worked on this project in a group with two other people.

IOT challenge

- Worked on an ATMEL micro controller and programmed the micro controller. Configured LDR, Wi-Fi module and a buzzer. The LDR was used to sense data this data was later relayed to a cloud which generated a graph out of the data collected. The buzzer was configured to detect wrong input or wrong port entry.

Online Courses

- Data science math's skills by Duke University
- Programming for Everybody (Getting Started with Python) by University of Michigan
- Python Data Structures by University of Michigan
- Introduction to Internet of Things by University of California Irvine

Honors/Awards/Merit Certificates

- 2018 - Obtained first rank in BS computer science branch in third semester at Manipal Academy of Higher Education.
- 2015 - Dr. J. S. Sastry Award for securing second rank in SSC examination