Puneet Saran

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EDUCATION

VELLORE INSTITUTE OF TECH.
B.TECH IN ELECTRONICS AND
COMMUNICATION ENG.
Expected June 2022 | Chennai, India
Current CGPA: 8.79

LINKS

Website:
https://puneetsaran.netlify.app/
Github:
https://github.com/asps1999-OO7
LinkedIn:
https://www.linkedin.com/in/puneet-saran-ab3a43166/

COURSEWORK

UNDERGRADUATE
Programming Object Oriented.
Data Structures and Algorithms.
VLSI System Design.
Machine Learning Using Python.
Artificial Intelligence for beginners
Digital Logic Design Microcontrollers
and its Applications.
Lean Start-up Management.
Microcontroller 8051.
Big Data Analytics.

SKILLS

PROGRAMMING
Over 5000 lines:
- Java
- C/C++
- Dart
- R
- SQL
- CSS
- JavaScript
- HTML
Familiar:
- Python
- UI/UX Design

FRAMEWORKS
- Flutter
- Android Studio
- Keil IDE
- Adobe XD
- R-Studio
- MATLAB

OPERATING SYSTEMS
- Linux
- Windows

EXPERIENCE

Monk Tree Education Pvt. Ltd.| MOBILE APPLICATION DEVELOPER
June 2020 – August 2020 | VIRTUAL INTERNSHIP
- Led a team of two members for creating the front end of a tax calculator application
- Developed user interface and firebase module using Dart, Flutter and Adobe XD

NATIONAL ENTREPRENEURSHIP NETWORK| ORGANIZER AND DESIGNER
July 2019 – Feb 2020 | Chennai, India
- Responsible for generating awareness regarding entrepreneurship in the campus
- Built 'industry and student' connect by facilitating guest lectures
- Designed club merchandise using Adobe Photoshop.

PROJECTS

SAMSUNG PRISM PROGRAM
- Selected for the program that offers, exposure to real-world projects, opportunity to work with top Samsung technical experts and provides hands-on core technical experience
- As a part of this program, students and professors will form teams, and will work on work-let with a mentor from Samsung Research Institute, Bangalore

APP DEVELOPMENT: CRACK-THE-COVID
- Developed a COVID-19 prediction model that helps patients assess whether they have contracted Covid-19 or not
- Tech Stack: Dart, Flutter, Visual Studio and Adobe XD

APP DEVELOPMENT: RAJASTHAN TOURISM
- Developed an app, which helps tourists find famous heritage places in Rajasthan including hotels
- Tech Stack: Dart, Flutter, Visual Studio and Adobe XD

CLOUD COMPUTING: LEVERAGING CLOUD COMPUTING IN HEALTHCARE SECTOR
(Research paper published in IEEE Xplore library in 2020)
- Paper deals with the issues of poor access to medical records in the healthcare sector
- Developed a solution to enhance the accessibility and security of medical records, leveraging "Hashed Unsalted Techniques"
- Resources: AWS network and other online articles

IoT and ROBOTICS: ROVER FOR MINING OPERATIONS
- Developed a rover that could be leveraged in search & rescue operations in mines
- Rover utilizes various sensors in determining risk factors and is capable of transmitting them to a central server for monitoring and tracking purposes
- Tech Stack: Arduino, Motor-Controller, React and Sensors e.g. IR, PIR, Piezoelectric etc.

SOFTWARE PROGRAM: DRIVE-THRU OPERATIONS MANAGEMENT
- Developed an order management system for drive-thru operations of a restaurant
- System improves the efficiency of order management
- Tech Stack:C++

HONOURS AND AWARDS

Year	Award	Event
2020	Research paper published	IEEE International Conference
2020	2nd Place	Business Venture TechnoVit
2020	3rd Place	Ad-Mad TechnoVit
2019	1st Place	Make-a-thon
2019	Selected for semi-final round	Project Expo