

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

Github:

<https://github.com/asps1999-007>

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

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