Sumedh Saurabh

20022 Black Canyon Drive | Katy, TX 77450 | (281) 468-8506 | sxs145830@utdallas.edu

Objective

Dedicated programmer and engineer seeking to innovate the world through technology and its rising future.

Education

University of Texas at Dallas
Computer Engineering
Bachelors of Science | 2018

Skills

- **Programming background in C++, Java, JavaScript, HTML, and Android (Java)**
- **Experience in IoT development using BeagleBone Black and Raspberry Pi**
- **Experience in the use of Adobe Photoshop and Final Cut Pro X**
- **Languages: English, Hindi-Urdu (with distinctions), and Mandarin Chinese**

Experience

June 2013 - August 2013
Paid Summer Intern | Ensupra LLC | Houston, TX
Assisted and researched about $LiFePO_4$ batteries and solar-grid hybrid systems for the development of solar power applications.
Achievements:

- Based on my research, the company developed LiFePO4 battery units that lasts up to 20 years now used in rural areas throughout India
- Lead to the installation of 1000 solar LED light units powered by LiFePO4 batteries to the flood affected areas in Uttarakhand

June 2016 - August 2016
Intern – IT Developer | Alliance Data | Plano, TX
Researched and presented project relating to future of company's business services. Assisted with testing of new software for business-critical services.

Projects

- Created BrickBreaker game for Android (2012)
- Created 2D Grid-Based game (2012)
- Programmed multifunction calculator with basic math operations as well as functions for finding area, volumes, etc. for polygons. (2014)
- Created an account management system in C++ (2015)
- Created Operating System using Cosmos kernel and Linux kernel (2015)
- Created a digital circuit schematic for a 4-Bit Translator (2015)