Sparsh Hurkat

www.sparshhurkat.in

Education

B.Tech. in Electronics Engineering
with spec. in Sensors And Wearable Tech,
VIT University, Vellore, Tamil Nadu
2018-Present
CGPA – 8.05

PACE, Jr. Sc. College, Dadar(West) - 2018
XIIth passsed from HSC – 82.77%

Arya Vidya Mandir, Bandra(West) - 2016
Xth passsed from ICSE – 90.17%

Skills

Programming – Python, C/C++, Java
Front End – HTML5, CSS, Javascript
Back End – PHP, Java, MySQL
Hardware Programming – ALP, Verilog HDL
Development Boards – 8051 μc, Arduino,
Raspberry Pi, Altera FPGA
Circuit Simulation – Multisim, Labview
Data Visualization – MATLAB, R
Data Science – Alteryx
Other Tools – MS Office

Contact

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Santacruz(W), Mumbai – 400054

Extracurricular

• Youth Red Cross Society
• Art – Drawing Elementary (2011) &
Intermediate (2012) Exam
• Trained in Abacus – Till Level 6
• RoboCamp Sr.

Recent Projects

A Courier Management System for booking & tracking couriers   **(Aug 2019 – Oct 2019)**
• Designed & Coded the Front-End framework using HTML, CSS & Javascript
• Created Database Management System using MySQL and server side scripting using PHP

Obstructive Sleep Apnea detection   **(July 2019 – Oct 2019)**
• Filtered and Decomposed EEG recorded datasets into different sub-bands using Infinite Impulse Response (IIR) Butterworth band-pass filters in MATLAB
• Classification using Energy Variance Feature Extraction using Machine Learning Algorithms

An E-Commerce website (www.thegiftangels.in)   **(May 2019)**
• Organized & Created Digital Database for Inventory
• Design, Development, UI/UX & SEO of website

A Secure Automated Election System for Smart India Hackathon   **(Jan 2019 – Apr 2019)**
• Designed UI and Developed a Web App to display election results for a new more secure e-voting system using Blockchain in a team of 4

A Posture Correction Wearable Device   **(Jan 2019 – Apr 2019)**
• Headed a team of 5 to develop Wearable Arduino based IOT device & Mobile App Prototype