YASH SHRIMALI

Technologist
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PERSONAL STATEMENT

Process-oriented technologist interested in root cause analysis and optimization. Experience cum expertise analyzing and interpreting problems to convey actionable solutions. Passionate about problem-solving, process improvement, and data storytelling. Interested in the "why" and "how".

SKILLS

Programming Languages: **Java, Python, C++**, **JavaScript**.
Libraries: **Pandas, Numpy, Matplotlib, scipy, sklearn**.
Software suite(UX design): **Figma, Adobe XD**.

EDUCATION

Rajiv Gandhi Proudyogiki Vishwavidyalaya   November 2020
Bachelor of Engineering in Electronics and Communication Engg.   CGPA: 7.6
 Relevant Coursework: Control System, Signal Processing, Computer organization.

PROJECTS

- Designed a reduced-order kalman filter for moving images and implemented in C++ and Python.
- Designed a notch filter with two zeros to remove artifact in data contain ECG signal sampled at 200 Hz and implemented in Python
- Implemented Pan-Tompkins algorithm for QRS detection in Python.
- Designed and programmed a servo motor controller circuit for a robotic arm in C.
- Implemented combinational and sequential logics in verilog HDL.
- Image compression using Fast-Fourier Transform algorithm in Python.