NITHESH R

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SUMMARY

A motivated third year student who loves coding and is determined to succeed as a full stack developer. Excited to use my background and practical knowledge to make contributions, to creative projects. Looking for chances to enhance my abilities in both end and back end technologies while providing solutions in a team setting.

EDUCATION

B.Tech, Information Technology 2025
St.Joseph's Institute of Technology, 8.30 CGPA

Higher Secondary Certificate 2021
Madras Christian College Higher Secondary School, 90%

Secondary School Leaving Certificate 2019
Loyola Matriculation Higher Secondary School, 87%

TECHNICAL SKILLS

Data Analysis and Statistics: JMP, Minitab
Design and Modeling Tools: SOLIDWORKS, LabVIEW, MATLAB, Microsoft Office
Programming: Python, C, C++
Certifications: National Instruments Certified LabVIEW Associate Developer (CLAD) – August 2019

EXPERIENCE

ABC Solutions, Phoenix, AZ: Research & Dev Development Intern May 2019 – Aug 2019

- Applied measurement system analysis (MSA) to qualify relocated test equipment (JMP, Python)
- Authored three technical reports for relocated packaging equipment, following IQOQPQ guides (JMP, Excel)

Med Apps, Scottsdale, AZ: Quality Engineering Intern May 2018 – Aug 2018

- Assessed equivalency of proposed alternate plastic packaging material (Minitab, Excel)
- Created and delivered presentations to train field sales representatives on new product features (PowerPoint)

ACADEMIC PROJECTS

Hand Cycle for Polio Victims Fall 2019 – Spring 2020
Collaborated in a team of three to design model of custom hand cycle for polio victims (SOLIDWORKS).

- Developed team schedule, including quality measurement for each major milestone (Microsoft Project
- Ensured team compliance to Design Control Procedures according to Code of Federal Regulations (CFR)
- Recognized by faculty audience as "Best Presentation" out of 15 teams

Sensor for Quadriplegic Patients Spring 2019
Led team of three to design and develop a mouse-like device to allow quadriplegic patients to use websites.

- Assessed range-of-motion data to determine feasible solutions (Python)
- Created device to detect muscle flexion in neck to control the mouse click (Arduino, FPGA)

OTHER WORK EXPERIENCE

Arizona State University, Tempe, AZ: Tutor (10 hours/week) Aug 2018 – May 2019

- Tutored 10-15 undergraduate engineering students per week in MATLAB programming and math coursework

Kohl's, Gilbert, AZ: Sales Associate, Jewelry Department (16-24 hours/week) Aug 2017 – Dec 2017

- Achieved #2 highest selling associate within one month of hire date

ACTIVITIES

ASU Society of Women Engineers (SWE) Aug 2017 – Present

Multiple leadership roles, including vice-president and industry relations chair (300 members, $75k annual budget)

- Tutored 10-15 undergraduate engineering students per week in MATLAB programming and math coursework
- Organized 2018 annual conference participation, including 8 student poster submissions