DEVYANI TUSHAR MALADKAR

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EDUCATION

Indian Institute of Technology Goa.   *August 2018 - Present*
Bachelor in Technology.   CPI:10/10
Department of Computer Science and Engineering.

Fergusson College, Pune.   *July 2015 - June 2017*
Class XI, XII.   Overall Percentage: 95%

PROJECTS

Invention Factory - Device for cleaning of Resuable Sanitary Pads
Summer-2019.
Competitively Selected for summer programme at Indian Institue of Technology Gandhinagar. Worked on a invention and patent under mentorship of Prof.Allen Wolf and Prof.Eric Lime from The Cooper Union, New York.
The device has a provisional patent in India and USA.
Patent Application Number: 2.01911E+11.

Application for Ministers of Parliament
January-2019.
Worked on Mobile Application for Smart India hackathon.
Selected in top 4 teams for problem statement- Crowd Sourcing for the works of MPs.

Mess Monitoring System
October-November 2019 .
Mess Monitoring System - Digital Design Course Project.
The project consisted of a real-time monitoring system for foot traffic and seating in the college dining hall. Project core consisted of Intel FPGA (Cyclone) programmed using VHDL for computing groupings in a given seating arrangement.

WORK EXPERIENCE

Machine Learning Intern
Saviant Consulting, Pune.
December -2019.
Dataset preparation and Machine Learning model building for Predictive Maintenance for gas engine.

TECHNICAL STRENGTHS

Programming Languages	Python, Java, C++.
Software & Tools	MS Office, LATEX, Autodesk Fusion, Autocad, MATLAB, Octave, VHDL, Jupyter Notebooks, Tensor Flow, Bash scripting..

RELEVANT COURSES

Core Courses Software Systems, Discrete Mathematics, Digital Logic Design,
Automata Theory, *Algorithms,* Data Structures,
*Computer Networks, *Probabilistic Theory.
(*Expected to complete by April 2020)

Additional Courses Machine Learning (Coursera Course offered by Stanford University)

ACADEMIC ACHIEVEMENTS

Awarded Certificate of Excellence for excellent performance in Academics for the Academic Year 2018-2019. (Presented by the Director of the current Institute)

Awarded Certificate of Excellence for excellent performance in Technical Events for the Academic Year 2018-2019. (Presented by the Director of the current institute)

Smart India Hackathon - 2019. Selected in Top 4 teams on country level for the problem statement - "Crowd Sourcing for the works of Members of Parliament" (App-based solution)

AP score (grade for exceptional performance in the course) in 7 courses over three semesters.

EXTRA-CIRRUCULAR AND RESPONSIBILITIES

Member of the Google DSC: Developers Student Club.

Member of the Institute Innovation Council of IIT Goa.

Participated in Inter IIT Sports Meet 2018 for Chess (the only girl team member).

Participated in Inter IIT Cultural Meet 2019 as member of Parliamentary Debate Team.

Selected as TA for the CS101:Introduction to Programming course for juniors.