

ABIJITH NARAYANAN SUDHAKER

3361, Equestrian Cres., Mississauga, L5M6T3 — +1 (546) 978 3055 — abijith.mednikar@gmail.com

EDUCATION

University of Western Ontario

London, ON (2017 - 2018)

Masters in Mechanical and Materials Engineering

Overall: 76/100

Coursework: Design and Manufacturing, FEM, Project Management, Medical Device Design

SRM University

Chennai, India (2013 - 2017)

Bachelors in Mechanical Engineering

Overall GPA: 8.6/10

Coursework: CAD, FEM, Project Management, Design and Transmission of Engines

TECHNICAL STRENGTHS

Modelling Software

AUTOCAD 2D, Autodesk Inventor, Solidworks

Analysis Software

Solidworks Simulation, ABAQUS, ANSYS

Tools

Microsoft Excel, Access, Project, Visual Basic for Excel, GD and T

EXPERIENCE

Fabrication of Golf Kart Vehicle

November 2015 - March 2016

Designer and Quality Control

Punjab, India

- Design of Front axle and perform Linear and buckling analysis of vehicle using SOLIDWORKS
- Welding of Vehicle Chassis and perform quality tests

Engineering Design Intern

April 2016 - May 2016

- Designing of Dip Stick and Dip stick gauge for LMV's using SOLIDWORKS and perform Static and thermal analysis on Dip Sticks

Fabrication and Simulation of Hydraulic Hybrid Power Train

December 2016 - April 2017

Capstone Project

SRM University, India

- Designing of Power Train Frame using and perform Linear analysis using SOLIDWORKS
- Welding of Motor frame and quality check

Experimental Modal Analysis on Car Door

March 2018 - April 2018

Designer

Western University, ON

- Create sketch and 3D model of car door on SOLIDWORKS
- Obtain Response graph by applying impact and Animate MEScope model by applying results from SOLIDWORKS

Fabrication of Pressure Cooker Autoclave

February 2018 - April 2018

Designer

Western University, ON

- Perform tests to determine sterilization point, FMEA and Design Pressure Cooker with highest sterilization point

CERTIFICATIONS

Certified Solidworks Associate - Simulation

Jun 2018

Dassault Systemes

License C-YC9VTTYTAC

Data Analytics for Lean Six Sigma

May 2018

University of Amsterdam

- License SWW434FDYREM