

Nahil Fuad
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PROFILE

Recent B.S. graduate from Saint Martin's University seeking an opportunity for practical engineering experience in an American company. Exceptional hardworking nature along with excellent communication skills to explore engineering requirements and present innovative solutions.

EDUCATION

Bachelor of Science in Mechanical Engineering
Saint Martin's University, Lacey, WA
Graduated August 2019

SKILLS AND QUALIFICATIONS

- Engineering coursework, including: *Material Composites, Flight Mechanics, Fluid Dynamics, Heat Transfer, Thermodynamics, System Dynamics, vibration, and Manufacturing.*
- Proficient in MATLAB, AutoCAD, ANSYS, Autodesk Inventor, and Microsoft Office.
- Hard skills includes turning metal in manual and CNC lathe, milling with manual and CNC mill, producing CNC G codes using SolidCAM.
- Adapt at evaluation of engineering calculations and executing engineering cost analysis
- Excellent written and verbal communication skills developed through previous coursework and international travel; fluent in English and Arabic.
- Experience successfully working both on a team and individually through various engineering projects; frequently worked with diverse populations including US veterans, and Iraqi backgrounds.

EXPERIENCE

Senior Project, Senior Design Fall 2018-Spring 2019

- Led a multinational team that designed and developed a tree-girdling device for the Department of Natural Resources (DNR) by combining a string trimmer straight shaft and a pruner attachment, transforming them into a lightweight and durable pole chainsaw that would girdle trees from a standing position.

Rocket Modeling, Instrumentation and Measurement System Fall 2018

- Developed a project for an instrumentation laboratory course involving the prediction of the maximum altitude of a model rocket using LabVIEW and ANSYS. Intended to integrate the theoretical and experimental methods used in the course.

Vibration Analysis, Vibration Theory Summer 2018

- Led a project team of five that utilized vibration theory to conduct a full-car model analysis on a Ford Mustang suspension system, to study the behavior of the system under critical stress.

LEADERSHIP

Pacific Northwest ASCE & AISC Student Conference, Volunteer 2019
Saint Martin's University Golf Tournament, Volunteer 2018
Hands On Children's Museum, Volunteer 2016
Saint Martin's University Community Garden, Volunteer 2015
One Million Tree, New York Cares, Volunteer 2013