SALEH ALSALEH

AKADEEMIA TEE 7-1, TALLINN, ESTONIA

+372 5875 8073 ⋄ saleh.alsaleh@outlook.com

EDUCATION

Tallinn University of Technology, Estonia   *SEPTEMBER 2016 - JANUARY 2019*
Master of science in Mechatronics.
Thesis: "Simulation of Unmanned Tracked Vehicle Using VBS3 Environment"

Philadelphia University, Jordan   *SEPTEMBER 2010 - JUNE 2015*
Bachelor of science in Mechatronics Engineering

PROJECTS

LEP18082EE "Applied research on system of sensors and software algorithms for safety and driver assistance on remotely operated ground vehicles for off-road applications" *2018*
My main responsibility is to make use of simulation environment to model and simulate the physics of the vehicle as well as the simulation of different set of sensors.

Building transponders for drones to help their operators to comply with regulations and enhance safety in aviation *2016*
I was helping in the development of the first prototype. This project was a part of TTU MEKTORY startup competition.

Precision landing of UAV using active pattern detection and machine vision *2015*
I assisted in developing an experimental testing platform and helped developing the detection algorithm for precise landing using LabVIEW.

Designing and building a six degree of freedom parallel kinematic manipulator (Delta Robot) *2014*
My task included designing the mechanical structure, selecting the appropriate components and building the control system.

WORK EXPERIENCE

Engineer/Researcher   SEPTEMBER 2018 - PRESENT
Tallinn University of Technology, Estonia

· Applied research on system of sensors and software algorithms for safety and driver assistance on remotely operated ground vehicles for off-road applications.

Intern   JUNE 2018 - SEPTEMBER 2018
Cleveron, Viljandi, Estonia

Laboratory assistant   OCTOBER 2015 - JUNE 2016
Philadelphia University, Amman, Jordan

TECHNICAL STRENGTHS

Programming/Scripting Languages   C++(Proficient), MATLAB(Proficient), Python(Familiar)

Frameworks and tools   Solidworks, ROS, Anaconda, Git