

THIBAUT HELLE

Mechatronics Engineer



EDUCATION



> **KTH - Royal Institute of Technology** SEPT 2013 – JUNE 2018

MSc in Machine Design - Mechatronics 300 ECTS. (Stockholm, Sweden). Active in student organizations: *Armada* and *Student Incubator*. Working as an assistant at KTH – Prototype Center.



> **École nationale supérieure de génie industriel - Grenoble INP**

SEPT 2015 - JUNE 2016

ERASMUS exchange year in mechanical engineering - Product development. (Grenoble, France).



WORK EXPERIENCE



> **LABTRINO AB**

2017 - CURRENT

CTO & Co-Founder (Startup) – Development of smart IoT ultrasonic water meters for water consumption billing & visualisation.



> **SCANIA GROUP AB**

JUNE 2017 - SEPT 2017

Summer engineering intern at the brake control systems department (REVB). Various tasks such as decoding system binary fail-code to comprehensive error data.



> **Royal Swedish Investments**

SEPT 2014 – SEPT 2015

CTO & Co-Founder (Startup)– Full stack development of mainly an iOS app called ListFix for easy access to restaurants and clubs.



SKILLS

Robotics and (ROS)	● ● ● ● ●	Entrepreneurship	● ● ● ● ●
3D-CAD/Printing	● ● ● ● ●	C++, C#, python...	● ● ● ● ●
Circuit Board Design	● ● ● ● ●	iOS/Android Dev.	● ● ● ● ●
WEB-development	● ● ● ● ●	Matlab/Simulink	● ● ● ● ●



LANGUAGE

SWEDISH	● ● ● ● ●	(Mother Tongue)
FRENCH	● ● ● ● ●	(Mother Tongue)
ENGLISH	● ● ● ● ●	
GERMAN	● ● ● ● ●	



PUBLICATIONS

2018 - [Non-Invasive Liquid Metering Method Analysis](#)

2019 – [Patent Pending] Coupling Member for Clamp on Flow Metering



OBJECTIVE

To utilize my technical skills for achieving goals and developing the best performance in the organization. I would like to implement my innovative ideas, skills and creativity for accomplishing the projects.

CONTACT ME



+46 706 375 845



thibaulthelle@me.com



Körsbärsvägen 3, 11423
Stockholm, Sweden

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www.linkedin.com/in/thibaulthelle



<https://github.com/GitTibbe>

PROJECTS



Motorcycle Simulator with VR
Simulator using VR and a full motion platform. [More info.](#)



Siri Controlled RGB LED-Strip Driver
DIY guide on how to build your own RGB LED Strip Driver that will be able to work HomeKit and Siri, using RPI, Arduino, custom PCB and any LED strip. [More info.](#)



Powered Exoskeleton
Development of a powered exoskeleton for both legs, for partly disabled humans. [More info.](#)