



REX SMITH

ABOUT ME

I'm a young and motivated professional, who has worked for 4 years in the power industry in O&M and R&D roles and is currently pursuing master's in Mechanical Engineering with a focus in Mechatronics and Robotics at KU Leuven. I am a friendly person who is comfortable with working either in cross-functional teams or independently. I look forward to utilizing my skillset with a dynamic organization which is willing to invest in me and help explore new competences and support career progression.

WORK EXPERIENCE

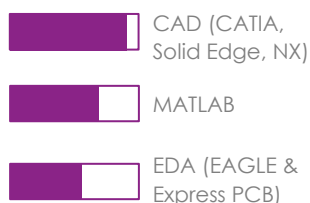
- **LEAD ENGINEER – CORPORATE DIGITALISATION, TATA POWER, MUMBAI, MH, INDIA** (08/2017 - 08/2019)
 - Lead the development of embedded hardware and software for implementation of IoT based energy monitoring solution in the Mumbai Metropolitan region
 - Worked on various UAV platforms to implement aerial monitoring of utility assets for all subsidiaries across India
 - Part of the team developing control system for solar panel cleaning and underwater inspection robots
- **LEAD ENGINEER – OPERATION & MAINTENANCE, TATA POWER, KHOPOLI, MH, INDIA** (07/2015 - 07/2017)
 - O&M of 450 MW Hydro Generating Station, 500 MW Thermal Generating Station, and 110 KV Switchyards
 - Preparation of techno-commercial documents like daily and monthly MIS reports

EDUCATIONAL QUALIFICATIONS

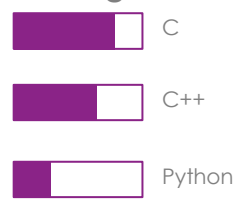
- **MASTER OF MECHANICAL ENGINEERING – KU LEUVEN** (2019 – ONGOING)
 - Specialization in Mechatronics, Automation, and Additive Manufacturing
 - Master's Thesis: Development Of A Micro-ECAM Process On a Desktop 3D Printer
 - Main Subjects: Control Systems, Embedded Systems, Additive Manufacturing, Precision Engineering, & CAD Product Design
- **BACHELOR OF TECHNOLOGY IN MECHANICAL ENGINEERING – KIIT UNIVERSITY, INDIA** (2011 – 2015) – (Grade: First Class)
 - Thesis: Drone based Automated Payload Carrying System

SKILLS

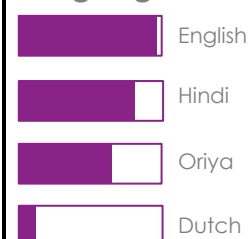
Software



Coding



Languages



CONTACT

@ rex.smith2011@gmail.com

+32 465 238535

www.linkedin.com/in/rex-smith

27th September 1993

Leuven, Belgium

Indian

EXTRACURRICULAR ACTIVITIES

- DUTCH LANGUAGE COURSE – ILT (2021)
 - Learning the basics of Dutch Language and about Belgium's history and cultural heritage from Lueven Language Institute
- INITIATIVE FOR RURAL HOUSE-HOLD ELECTRIFICATION - Bhira Hydro-Electric (2016 – 2018)
 - Prepared plan for implementation rural house-hold electrification using solar DC micro grid
- SAPLING PLANTATION DRIVE – TATA Power (2016 – 2019)
 - Was part of the TATA Power CSR initiative to plant 20,000 native saplings per year in the Mumbai and Lonavala regions
- AERONAUTICAL SOCIETY – KIIT University (2014 – 2015)
 - Was part of the Aeronautical Society at KIIT University and headed it's Unmanned Aerial Systems division from 2014 to 2015

HOBBIES AND INTERESTS

- Aero-modelling, park & FPV flying
- Making DIY electronics projects
- Playing open world RPGs and FPS videogames