



# TOMASZ MALICKI

## ○ CONTACT ○

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## ○ RESUME ○

tmalicki.github.io

## ○ GITHUB ○

github.com/TMalicki

## ○ SKILLS ○

- C++
- Solidworks
- HTML
- CSS
- GIT
- Matlab
- Photoshop
- Corel Draw
- Artec Studio

## ○ CERTIFICATES ○

- C++ Fundamentals Including C++17
- C++11 from Scratch
- C++17 Beyond the Basic
- Learn How to Program with C++
- Practical C++14 and C++17 Features
- Reading Legacy C++
- C++ Smart Pointers
- Learning C++ Pointers
- CSWA Solidworks

## ○ LANGUAGES ○

- English - C1

## ○ INTERESTS ○

- Doing sports
- Miniature painting
- Playing guitar
- Technology
- Books
- Marvel

## ● PROFILE

Master of Science specialized in mechatronic devices with 2+ years experience. C++ developer with several certificates and projects covering algorithms, game development and math geometry. Hard-working, eager to learn and work on new projects. For further information – Github and portfolio included below.

## ● WORK EXPERIENCE

- Junior Mechanical Constructor in Autocomp Management Sp.z.o.o., in R&D mechanical department, Szczecin  
December 2018- Nowadays
  - designing mechanical components for military and railway industry training simulators.
- Intern in Autocomp Management Sp.z.o.o., in R&D mechanical department, Szczecin  
September 2018- December 2018
  - designing mechanical components for military training simulators.
- Intern in R&D department in HKL Window Decorations Sp.z.o.o., Szczecin  
August 2017- September 2017
  - designing and programming machine for automatic winding and cutting twine to size
- Intern in Space Research Centre- Polish Academy of Science, Warsaw  
July 2016 - August 2016
  - research about electroactive polymers,
  - designed and built prototype of generator based on electroactive polymers,
  - optimization of the photo meteor analysis program in Matlab
  - created graphical user interface for the program in Matlab
- Intern in Space Research Centre- Polish Academy of Science, Warsaw  
September 2015- October 2015
  - research about electroactive polymers, opracowanie wyników badań;
  - designed and built stand for electroactive actuators testing,
  - assembling prototype of „e-antena”

## ● EDUCATION

- West Pomeranian University of Technology- BSc in Mechatronics (full time), MSc in Mechanics and Machine Building (full time), specialization: Mechatronic Devices
  - MSc thesis:** Analysis and activating of multidimensional position and displacement control system of flying multi-rotor platform.
  - BSc thesis:** Implementation of the PID regulation system of quadrocopter's arm location with the use of MEMS displacement sensors.