



ING. TOMÁŠ SÝS

Date of Birth: ■■■

Address: ■■■

Phone No.: ■■■

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Links:  LinkedIn |  GitHub

I'm a former turbocharger designer who decided to shake things up a bit, and become a software developer. To this end I'm currently devoted to learning the Python programming language with a focus on back-end development. I would love to dive deeper in that direction, explore new interesting areas and continue growing both professionally and personally.

Careers

PBS Turbo s.r.o.

Velká Bíteš

Position: *Development Designer*

08/2021–10/2022

- Creation and modification of 3D CAD models of turbocharger components and assemblies
- Handling of various drafting activities to support the team
- Preparation of documents for production orders
- **Software used:** Creo Parametric, SAP

Education

Brno University of Technology, Faculty of Mechanical Engineering

Brno

Study Programme: *Process Engineering*

2019–2021

Passed with honours

Brno University of Technology, Faculty of Mechanical Engineering

Brno

Study Programme: *Fundamentals of Mechanical Engineering*

2016–2019

Passed very well

Grammar School ■■■

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Eight-year study with general specialization

2008–2016

State maturita exam with honours

Courses

Master Git and GitHub in 5 Days: Go from Zero to Hero | Granted By: Udemy

01/2023

- A Udemy course on Git and GitHub essentials
- **Topics covered:** creating/editing a repository, branching, undoing changes, GitHub features

100 Days of Code: The Complete Python Pro Bootcamp for 2023 | Granted By: Udemy

12/2022

- A Udemy course on basic and intermediate topics in Python
- **Topics covered:** scripting, OOP, GUI apps [Tkinter], e-mails and SMS, API, web development [HTML, CSS, Bootstrap, Flask], databases [SQLite], web scraping [Beautiful Soup, Selenium], data science [Pandas, Numpy]
- Writing code in *PyCharm*, *Replit* and *JupyterLab*

Certified SolidWorks Associate (CSWA) – Mechanical Design | Granted By: Dassault Systèmes

12/2020

- Academic certification for college students
- Test of SolidWorks knowledge in the areas of *mechanical design* and *design validation*

Skills

 **Advanced:** Creo Parametric, SAP


 **Intermediate:** Python, PyCharm, Matlab, SolidWorks, AutoCAD, Ansys Fluent

 **Basic:** \LaTeX

Class B driver's licence

Languages

 **Czech:** Native

 **English:** Very good | B1 Preliminary Cambridge English Qualification

 **Russian:** Basic