BĂDICEL SILVIU-NICOLAE

As a design engineer with expertise in 2D and 3D software, and additive manufacturing, I am a highly creative individual with a strong attention to detail. I thrive in team environments and am committed to bringing my best to every project. Outside of work, I enjoy traveling, photography and art, and am dedicated to advancing new engineering skills, such as programming languages.

📞 +40 730361890 📍 Bucharest, Romania

✉ silviu_badicel@yahoo.com

Education

Faculty of Engineering of the University of Porto, Porto, Portugal
Master of Innovation and Entrepreneurship & Master of Materials Engineering
Sep 2021 - Feb 2022

POLITEHNICA University of Bucharest, Bucharest, Romania
Master's degree, Industrial Engineering and Robotics, Product Design and innovative products
2020 - 2022

POLITEHNICA University of Bucharest, Bucharest, Romania
Bachelor's degree, Industrial Engineering and Robotics, T.C.M.
2016 - 2020

Digital competences

- AutoCAD
- Catia V5, ENOVIA
- Autodesk Inventor
- Solidworks
- 3D Printing; Ultimaker Cura
- QGIS
- HTML, CSS, Git & GitHub
- Javascript
- Python
- SQL
- Visual Studio Code
- Microsoft Office

Languages

Romanian - Native

English - B2

Spanish - A1

Experience

April 2023 -
Design Engineer - Huawei Technologies S.R.L.
Bucharest, Romania

- Using AutoCAD to apply the clients requirements regarding swapping and adding Antennas and RRUs, as well as metal structure components.
- Using QGIS to install fiber optic networks across different regions.

June 2022 - April 2023
Design Engineer - Trylon T.S.F.
Bucharest, Romania

- Using AutoCAD to prepare the manufacturing and installation details of the metal structure packages and antennas; covering projects as new sites, reconfigurations, swaps, as builts, LTE projects, CTD/CIP, for anchored, tubular, self-supporting towers etc.

February 2022 - March 2022
Internship Trainee - EUTech Engineers
Madrid, Spain

- Conducting relevant research, producing and implementing design and test procedures, as wells as analyzing and interpreting data.

September 2021 - February 2022
Erasmus+ Cultural Exchange
Porto, Portugal

- Being active in all activities of the Faculty of Engineering of the University of Porto.

June 2021 - October 2021 / july 2018 - October 2018
Work and Travel Cultural Exchange
Bethany Beach, Delaware, U.S.A. 2021/Sandusky, Ohio, U.S.A - 2018

- Cultural Exchange Program in which I've worked for a few months in the United States.

January 2021 - March 2021
Press Machine Operator - ASSA ABLOY Entrance Systems
Bucharest, Romania

- Setting up and operating the hydraulic presses as well as assembling, installing and aligning the mold inside the presses.

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Languages

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Experience

July 2019 - September 2019
Intern - Renault Dacia Gap Automobiles
Bucharest, Romania

- 3D modeling using the Catia software (Enovia V6) of the front transmission of a Duster car, in order to make a 3D mock-up;
- 3D printing of each modeled element, as well as the assembly of all components;

Skills

- Attention to details
- Adaptability
- Ability to work in different cultural environments
- Communication
- Creativity;
- Open-minded
- Team spirit
- Eager to learn
- Computer skills

Certifications

- Javascript Course - Codecademy
- HTML Course - Codecademy
- Build a Website with HTML, CSS, and GitHub Pages - Codecademy
- CSS Course - Codecademy
- Build a Website with HTML, CSS, and GitHub Pages - Codecademy
- Python 3 Course - Codecademy
- Analyze Data with Python - Codecademy
- Visualize Data with Python - Codecademy
- Analyze data with SQL - Codecademy
- Code Foundations - Codecademy

Awards and distinctions

May 2021
Scientific Communication Session, POLITEHNICA University of Bucharest, Bucharest, Romania

- Second place, section Consumer Products on a Large Scale. The product idea consisted in developing a Smart Bed Organizer.