

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.
- Business trip to Santiago de Chile for three weeks to help the Huawei and Claro team in one of the most important antenna swap projects in Latin America, the Chile Claro VTR Wireless SWAP Project.

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 built, LTE projects, CTD/CIP, for anchored, tubular, self-supporting towers etc.

February 2022 - March 2022

Internship Trainee - EUTech Engineers Madrid, Spain

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

September 2021 - February 2022

Erasmus+ Cultural Exchange Porto, Portugal

- 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 of America.

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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.