

# **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.

**L** +40 730361890

• Bucharest, Romania

🔀 silviu\_badicel@yahoo.com

### **Education**

## Faculty of Engineering of the University of Porto, Porto, **Portugal**

laster of Innovation and Entrepreneurship & laster of Materials Engineering

### **POLITEHNICA University of** Bucharest, Bucharest, Romania

2020 - 2022

### **POLITEHNICA University of** Bucharest, Bucharest, Romania

# Digital competences

- Catia V5. ENOVIA

# Languages

## **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 builts, 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 engineerung data.

## September 2021 - February 2022 **Erasmus+ Cultural Exchange**

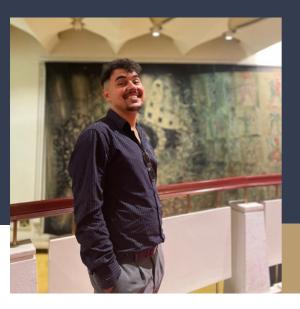
#### Porto, Portugal

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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### **Education**

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# **Digital competences**

- SQL
- Visual Studio Code

# Languages

## **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.