



BĂDICEL SILVIU-NICOLAE

Design engineer with solid background in 2D and 3D software, recently ventured into the programming world, embracing languages such as JavaScript, Python and SQL. As a transition into tech, I'm eager to find new opportunities that will challenge me, where I can grow, contribute, and make cool things happen with code.

+40 730361890

Bucharest, Romania

silviu.badicel97@gmail.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

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

Languages

Romanian - Native
English - B2
Spanish - A1

Experience

April 2024 -

3D Designer Tekla Structures - Sutco RecyclingTechnik
Bucharest, Romania

- I am designing sorting and treatment plants for recyclable materials, by preparing the detailed structural steel models in Tekla Structures software

April 2023 - March 2024

2D 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.
- Business trip to Santiago de Chile for three weeks to help the Huawei and Claro team in a big antenna swap project in Latin America, the Chile Claro VTR Wireless SWAP Project.

June 2022 - April 2023

2D 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 builds, 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.

BĂDICEL SILVIU-NICOLAE

Design engineer with solid background in 2D and 3D software, recently ventured into the programming world, embracing languages such as JavaScript, Python and SQL. As a transition into tech, I'm eager to find new opportunities that will challenge me, where I can grow, contribute, and make cool things happen with code.

+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 - Mar 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

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

Languages

Romanian - Native
English - B2
Spanish - A1

Experience

July 2019 - September 2019

Intern - Renault Dacia Gap Automobiles Bucharest, Romania

- I created a 3D mock-up of the front transmission of a Duster car by 3D modeling and 3D printing all the necessary parts, using Catia V6 (ENOVIA) and 3D printers.

Skills

- Hard worker
- 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
- Python 3 Course - Codecademy
- Analyze Data with Python - Codecademy
- Visualize Data with Python - Codecademy
- Analyze data with SQL - Codecademy

Awards and distinctions

December 2023

NIS Department, Huawei Bucharest

- RO GSC 2023 New Excellent Employee Award

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.