Curriculum vitae

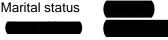
1. Personal information

Gogoneata Sorina

Address
Mobile Phone
E-mail address
Nationality
Marital status



Romanian



2. Professional experience

Time period September 2022 - present

Position Research PhD Engineer

Internship in the Laboratory for Micro- and Nano-Fluidics.

Design and manufacturing of devices based on wearable electrochemical biosensors for applications in clinical diagnostics and regenerative medicine.

Main activities and responsabilities Manufacturing of biosensors by 3D printing using Allevi 3D

bioprinter. Preparation of GCode files. Data acquisition and interpretation.

Writing a scientific report based on experimental results.

Name and address of employer Institute of Microtechnologies, Bucharest

Domain of activity Research and Development in Microtechnologies

Time period September 2011 - January 2019

Designing, modeling and assembling complex parts using

SolidWorks.

Responsible for converting 2D into 3D & reverse engineering work.

Main activities and responsabilities

Preparation of Layout, General arrangement drawings,

CAD Design Engineer

Component drawings and bill of material.

Involved in following project (Off-Shore): Auto Piloted

Aircraft Modeling and Drafting

Name and address of employer

Domain of activity

Domain of activity

AvaxDesign, Ploiesti

Engineering Services

Position

Position

Time period April 2007- August 2011

Catia V5 conceptual design; CAD support;

Design of plastic injection molded parts and structural parts

Main activities and responsabilities for front and rear bumper assembly on RENAULT projects.

R&D Engineer

Cooperation with the project manager on the evaluation and corrections of projects.

Name and address of employer Domain of activity

ABMI Inginerie, Bucharest

Automotive, Aerospace, Engineering Services

Time period Position August 2006 - March 2007

CAD/CAM/CAE Engineer - Senior Designer

CAD/CAM/CAE Engineer for aerospace industry in CATIA v5.

Deputy Workgroup Leader:

- Support on technological, methodical and organizational group managing.
- Business support by technical solution preparation;
- Planning and coordination of project workload
- Delegating tasks to workgroup members
- Cooperation with Workgroup Leader on project checking and corrections
- Preparing data exchange with VPM department
- Working with bill of materials and client-specific software: Enovia VPM, Taksy, Zamis, Cadam

Name and address of employer

Main activities and responsabilities

S.C. Inter-Informatics S.R.L., Bucharest

Domain of activity i

Inter-Informatics focuses on <u>aerospace industry</u>, earning its position as an important subcontractor for AIRBUS Gmbh.

Time period

July 2005 - July 2006

Position

CAD/CAM/CAE Engineer - Designer

3D modelling of parts and assemblies for aerospace industry. Working with client-specific software (AIRBUS Gmbh.): CATIA v5, Cadam, Zamis, Enovia VPM, Taksy.

Main activities and responsabilities

Ensuring proper check and conformity with bill of materials and drawings. Clash analysys and subsequent problem solving .

I was involved in projects for primary and secondary structure for A330, A340 airplanes, air-conditioning system, cabin interior design.

Name and address of employer

Domain of activity

SC Cybernetics SRL, Prague, Czech Republic

Aerospace Industry

Time period

March 2005 - July 2005

Position

Mechanical Engineer

Main activities and responsabilities

Metallic Structures Design: Design of GSM equipments and sites.Preparing of technical documentation for construction approval: implementation drawings, bill of materials calculation.

Name and address of employer Domain of activity SC TelWave S.R.L., Bucharest Constructions, GSM Engineering

Time period Position May 2003 - December 2004

CAD Designer

Rasterizing building drawings in Autocad.

Main activities and responsabilities

Computer design of the architectural drawings.

Elaboration of the technical documentation for the

projects.

Name and address of employer

Domain of activity

CADVegra SRL, Bucharest, Romania

CAD Design, GIS, Architecture

3. Education

Time period September 2019 - present

Diploma Ph.D. in Electrical Engineering

Institution "Politehnica" University of Bucharest, Medical

Engineering Faculty

Time period October 2018 - August 2020

Diploma Master of Science in Medical Engineering

Institution "Politehnica" University of Bucharest, Medical

Engineering Faculty

Time period - 2007 -

Diploma Formation Course in Plastic Parts Design for Automotive

Industry

Institution ABMI, Lyon - France

Time period April 2005

Diploma CATIA V5 Course

Qulifications 3D design in CATIA V5; Part design, Wireframe and

Surfaces, Sheet Metal Design, Assembly Design

Institution Cybernetics - IBM Educational Partner, Bucuresti

Time period Octomber 1998 - July 2003

Diploma Aerospace Engineer

Qulifications Avionics

Institution "Politehnica" University of Bucharest, Aerospace

Engineering Faculty

Time period - 2002-

Diploma Courses of Italian Language

Institution Italian Culture Institute, Bucharest

Time period - 2001-

Diploma Certificate of attendance at the BEST Course at Lund

Institute of Technology in Project Management

Institution Lund Institute of Technology, Sweden

4. Skills and aptitudes

Foreign languages English (advanced), Italian (intermediate), French (beginner)

Organisational skills

- Ability of quick learning and adaptation to new situations.
- Organized, methodical and analytical profile.
- Result oriented, with a keen eye towards perfection in delivering quality service.
- Dynamic team player.

Software Skills

- operating systems: Windows

10/11/Ubuntu18.04,LinuxMint, ArchLinux

- programming: Python, Pascal, Matlab.
- applications: Microsoft Office, Corel, Adobe, 3DMax, Blender, ZBrush

Microcontrollers projects using open source integrated development environment for Arduino and RaspberryPi, CodeBlocks.

Software environment for technical and scientific computing; modeling and solving different kinds of scientific and engineering problems based on partial differential equations using Comsol Multiphysics.

Software for data processing and graphing software for scientists and engineers: graphic, interpretations, signal analysis using OriginPro.

2D and 3D design for complex geometries using platforms as Catia V5, SolidWorks, AutoCAD.

- 3D Modeling - Detailing : Part Design - Surface - Sheet Metal - Assembly - Drafting

Modeling from sketch to 3D model using SketchupPro with the interconnected tools as 3D Warehouse, Layout, V-Ray

3D printing technologies:

- G-code, CrealitySlicer, Cura 3D

Graphical user interface applications for forms applications, web applications using Visual Studio.

Driving licence

- B category since september 2000

Date: 18.09.2023

Signature: Eng. Sorina Gogoneață