



Alin Horsia

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Date of birth: 19/07/1997 **Nationality:** Romanian

EDUCATION AND TRAINING

[30/09/2020 – Current] **Masters**

Universitatea Tehnica din Cluj-Napoca

Address: Romania

Field(s) of study: Robotics

[31/08/2016 – 14/07/2020] **Engineer**

Universitatea Tehnica din Cluj-Napoca

Address: Cluj, Romania

Field(s) of study: Robotics

Final grade: Bachelor of Engineering

[14/09/2012 – 29/06/2016] **Graduate**

National College Inochentie Micu Clain

Address: Blaj, Romania

[14/06/2022 – Current] **Programmer**

Software development academy

Address: Cluj, Romania

Field(s) of study: Generic programmes and qualifications

Main subject / occupational skills covered:

Java - Fundamentals

Java - Fundamentals: Coding

Software Testing - Fundamentals

Java - Advanced Features

Design Patterns & Good Practices

Java - Advanced Features: Coding

Databases - SQL

JDBC & Hibernate

Practical Project

HTML, CSS, JavaScript

Spring

Frontend Technologies: Angular

Software Testing - Advanced Features

WORK EXPERIENCE

[13/09/2020 – 03/01/2022] **Mechanical engineer Part-time**

Bosch Rexroth Sales SRI

City: Blaj

Country: Romania

Main activities and responsibilities:

- Working with 3D and 2D modeling using AutoCAD, Autodesk Inventor or Nx Siemens and Solidworks
- Generating assembly and execution drawings using functional and technological quotation; use of tolerance and geometric dimensioning.
- Technical support for customer and sales colleagues.
- Reverse engineering
- Mtpro'
- Inventor 2020 - high level programming skills - part design, assembly, sheet metal parts and surfaces
- Parametric design in Nx
- integrated linear axis, aluminium profiles and other parts in my projects.

[14/08/2019 – 01/09/2019] **ARRK Practicum 2019**

Arrk research & development

City: Cluj-Napoca

Main activities and responsibilities:

- Siemens Nx design (part design, sheet metal design, generative shape design)
- Sand casting

[05/07/2018 – 30/07/2018] **Arrk summer school**

Arrk research & development

City: Cluj-Napoca

Country: Romania

Main activities and responsibilities:

- Catia V5:
- generativ shape design
- part design
- Plastic Injection Molding
- Plastic Blow Molding

[31/08/2017 – Current] **Voluntary**

Main activities and responsibilities:

Volunteer in Organization of students from Technical University (OSUT)

[03/01/2022 – Current] **Mechanics engineer**

DANIELI ENGINEERING ROM SRL

City: Cluj-Napoca

Country: Romania

Main activities and responsibilities:

- Designing and developing conceptual, technical and working projects
- Generate and managing assembly/general layout (including BOM)
- CAD software (Autodesk Inventor, Autodesk Mechanical (AutoCAD)
- Drawings

-Study and analysis of all source design documentation for its use in design and construction

LANGUAGE SKILLS

Mother tongue(s): Romanian

Other language(s):

English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

DIGITAL SKILLS

My Digital Skills

Microsoft Excel | Power Point | Microsoft Office | Microsoft Word | Google Drive

DRIVING LICENCE

Motorbikes: AM

Cars: B

COMMUNICATION AND INTERPERSONAL SKILLS

Communication and interpersonal skills

- Communication training
- Team player

SKILLS

Skills

Siemens Nx design (part design, sheet metal design, generative shape design)

Catia V5:

- Part design
- Assambly design
- Generativ shape design
- Generativ sheetmatel design
- Drafting
- Generative structural analysis
- DMU kinematics
- Machining(Lathe machining, Prismatic machining, Surface machining)

Solidworks:

- Part design
- Assambly design
- Drafting

AutoCAD

Delmia: Device task definition and Human task simulation

Inventor Factory Design

Lazarus- basic

Arduino

Robostudio

RoboDk

ABB robot programming - basic

HOBBIES AND INTER- ESTS

Hobbies

-Cars, travels, video games, how to make a video games, serials, work out, running