

ANDREI CRISTIAN DINCA

I am a results-oriented individual with a passion for tackling challenges head-on. Committed to excellence and armed with ambition, and a quick learning ability, I approach tasks with patience and meticulous attention to detail. While I thrive in team environments, I am also capable of working independently when required, demonstrating flexibility, adaptability, and a steadfast patience.



PERSONAL

- Name**
Andrei Cristian Dinca
- Address**
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- Phone number**
+40746620403
- Email**
andreidinca2002@yahoo.com
- Date of birth**
07-02-2002
- Place of birth**
Galati
- Gender**
Male
- Nationality**
Romanian

LANGUAGES

- Romanian ★★★★★
- English ★★★★★



WORK EXPERIENCE

- Jul 2022 - Sept 2022 **Mechanic**
Baukom, Landivisiou, France
Successfully completed assigned construction projects within specified timelines.
Collaborated effectively with team members to ensure smooth project execution.
Maintained a high standard of workmanship and attention to detail.
Adhered to safety protocols and regulations, ensuring a safe working environment.
- Oct 2024 - Feb 2025 **Research Intern in Nanomaterials and Plasmonic Sensing**
École Normale Supérieure de Lyon, Lyon, France
Successfully synthesized gold nanobipyramids with tunable plasmonic properties for sensor development.
Optimized nanoparticle deposition on functionalized glass substrates using ITO and APTMS treatments.
Calibrated and operated advanced lab equipment, including SEM, SMS, UV-Vis, and IR spectrometers.
Followed strict laboratory safety protocols and ensured proper handling of chemical reagents.
Analyzed spectral and imaging data to assess sensor performance and nanoparticle behavior.
Collaborated with senior researchers and adapted literature methods to experimental needs.



EDUCATION AND QUALIFICATIONS

- Oct 2020 - Jul 2023 **Bachelor in Biophysics**
Babeş-Bolyai University, Cluj, Romania
- Oct 2023 - Jul 2025 **Master Degree in Biophysics and Medical Physics**
Babeş-Bolyai University, Cluj, Romania