

Noureldeen Amr Mohamed Radi

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[LinkedIn Profile](#)

Personal Information's

Name: Noureldeen Amr Mohamed Radi

Birth Date: 11\12\2002

Place of Birth: Belfast, Northern Ireland

Nationality: Egyptian/Irish

Educational Qualifications

- University of Hertfordshire, Bachelor of Engineering- Major: Mechanical and Mechatronics Engineering Started (2020 – 2024) Top on my Class, First Class Honors
 - AL Bashaer International School, IGCSE certificate in 2020.
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Work Experience

- Teaching Assistant on Campus(Part time), School of Engineering(Mechatronics), University of Hertfordshire (GAF Campus, Egypt) 05-09-2024 – 31-01-2025
 - Internship (Associate Member) at CERN (European Particle Physics Research Institute) (LHC) (Large Hadron collider), Switzerland-Geneva, from 21/06/2024 till 21/08/2024. Involved in the assembly of IRBC detectors and triggering systems ,FAB electronics, cooling systems
 - Graduation Project title" development of a surveillance rover using machine vision" Middle East ,Egypt –Cairo, 2024
 - Practical Training course at Arab Organization for Industrialization(AOI) "DMG MORI" ,in programing and operating CNC machines, Middle East ,Egypt –Cairo, from 10/03/2022 till 14/03/2022
 - Practical Training program at Mercedes Service Centre „MECC“, Middle East ,Egypt –Cairo ,from 01/06/2022 till 01/07/2022
 - Practical Training program at Arab American Vehicles "AAV", Middle East, Egypt – Cairo, from 16/01/2022 till 26/01/2022
 - Working as University of Hertfordshire IEEE Student branch"s Operations Head , Egypt – New Administrative Capital, from 15/09/2022 to present
 - "Jetsolar" 2 weeks training using PVsyst , Egypt – New Cairo, from 01/09/2023 to 21/09/2023
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Language Skills

Arabic: **Fluent**

English: **Proficient**

German: **Beginner (A1)**

Relevant Software Programs Experiences

- C++ ,Python and HTML Programming languages
 - Coppilia Sim.
 - PVsyst
 - ANSYS workbench,ANSYS APDL
 - Revit(beginner)
 - CATIA V5, Autodesk Inventor,Solidworks
 - Protus(PCB Designing)
 - Ubuntu(ROS1)
 - Machine G-coding at Arab Organization for Industrialization(AOI)" DMG MORI „ CNC machines
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Other Qualifications

- Won first place in „Manarat ElMosaqbal School"s RoboClub" teams competition for submarines , Cairo – Egypt, 2009
- Participated in Dragons camp for „automotive and value added enchantment mechanisms for national industry, Alexandria – Egypt ,12th/09/2022 till 15th/09/2022
- Completed „ IARS " Junior future leaders program, Cairo – Egypt , 2017
- Participated in GIU CS Winter Technology for artificial intelligence and robotics Camp , Cairo – Egypt , 24th/02/2021 till 25th/02/2021
- Volunteering at „AlBaqyat ElSalehat" Charity Organization, Cairo – Egypt ,08/05/2019 till Present
- Participating in Student Ambassadors program (representing my university) , University of Hertfordshire (GAF), 2021 till Present
- Worked as a student representative University of Hertfordshire (GAF), 2021/2022 academic year
- Worked as Head of Organization of „OPET" first edition of IEEE region 8 entrepreneurship week (for the first time in Egypt) event , University of Hertfordshire (GAF), 17/12/2022
- Participated in "Machine Visions " workshop, University of Hertfordshire (GAF),19th/11/2022
- Participated in "Embedded systems " workshop, University of Hertfordshire (GAF),14th/11/2022
- Participated in "Introduction for Robot Operating Systems (ROS)" workshop, University of Hertfordshire (GAF), 26th/11/2022
- Attended Workshop "Life on Mars" for experiencing the a simulation of robots on Mars by „Austrian Space Forum (OeWF), University of Hertfordshire (GAF), 23rd/02/2022
- Participating Research "Path Planning for Autonomous Rovers ,University of Hertfordshire (GAF), 02/12/2022 till present