Ayandeep Kundu

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☰PROFILE

A University of Lincoln Computer Science graduate demonstrating high performance in academic studies and research. Significant experience in customer care, mental health, management and administrative fields alongside strong interpersonal-skills. Keen to use and boost technical, analytical, and innovation skills within an teaching/ industrial role

🎓 EDUCATION

University of Lincoln, UK   **October 2020 – October 2021**
MSc (Hons) Robotics and Autonomous System   **Grade: 2:1**

Major modules: Advanced AI(merit), machine learning(distinction),computer vision(distinction) robot programming(merit),Research method(merit),Thesis(distinction)

Final project topic - "Visual Question Answering with Knowledge Base Implementation"
* A complete AI model able to answer questions relevant to a fed Image using computer vision, NLP and Reasoning AI. This knowledge base implementation out performed most VQA models in the market scoring >75% accuracy

Research experience:
* COVID-19 contingency between neighbourhood areas using advanced statistics
* Programming Thorvald Agri-robot for weed detection and eradication
* "Robotic manipulators in Agriculture: A Brief Review"- paper accepted in LCAS

Meghland Saha Inst. of Technology, India   **August 2015 - June 2019**
B.Tech (Hons) Electrical and Electronics Engineering   **Grade: 7.6/10**

Major modules: Embedded systems, power system, engineering design, engineering maths, physics, sensor technology, environmental engineering, final year project

Research experience:
* Sensor(RF,IR) based embedded system programming with IoT
* Launched machine learning model (Heart Disease Prediction model)with >90% accuracy

💼 WORK HISTORY

Robotics Student Researcher, L-CAS(Lincoln Centre for Autonomous Systems), June 2022- Present
* Programmed MyCobot-280 robot with vision system enabling it to pick and place certain object full-autonomously

Enabler, UBU Health and Wellbeing, June 2022 -Present
* Managing vulnerable people enabling them get back to their community
* Teaching life skills, hosting group activities, diverse projects and mental health support

Machine Operative, Nobel Food Ltd., March 2022- May 2022
* Administrated machine performance, electrical fault detection, handling fragile goods, preparing charts managing a 10 person team with good time management and task delegation across colleagues

International Students' Ambassador, University of Lincoln, March 2021- March 2022

- Developed good communication skills, cross culture understanding, marketing skills and improved effective project management skills

Student Life Content Creator, University of Lincoln, November 2021-February 2022
- Excelled in writing quality and designing medias with Wordpress and MS office
- Achieved place in top 5 employees for performance and design

Health Carer, Trinity Care, March 2021- October 2021
- Delivered empathic, quality customer assistance, delightful communication with fast hand Leaded team. Reflected 360 independent services including mental support
- Mastered personal care and mode swing handling alongside building high-standard cleaning skills

Contractual Lab Assistant, Currys, November 2021-December 2021
- Administrated stuff localising, scanning Items, and data base entry
- Strengthened problem solving skills and outranked in fault detection in PCBs working in line with mobile-robots

Think Pacific Intern, Fiji island, Ecobrick.org, July 2021- October 2021
- Innovated diverse eco-brick uses in Fiji alongside a creative way to utilise green energy for communication and farming with basic electronics employing problem solving skills
- Implemented system and web designs, and deployed over web

💼 VOLUNTEERING

Woman Techmakers Ambassador, Google, May 2022- Present
- Innovated sustainable cutting-edge ideas and trained people with technical support
- Teaching IoT and AI techs to people worldwide alongside learning the latest ones

Lincoln Green Leader, Lincoln City foundation, May 2022-Dec-2022
- Innovated and designed eco-spaces with sustainable solutions for better environment

NGO Service, Pankh Foundation, December 2020-May 2021
- Mastered Child teaching, risk assessment techniques, child psychology and wellness
- Demonstrated good attention to details

🔗 CODING and DIGITAL SKILLS

- Advanced Python, Advanced Matlab, Java, PLC programming
- Implemented HTML, CSS, Javascript, Flask web-framework, MIT App Inventor, SPSS
- Mastered in Word press, Canva, Adobe photoshop, Windows video editor, MS Office
- Swift using apps(general and development) on Windows, Linux, Mac OS

✨ ACHIEVEMENTS & AWARDS

- **Runner-up** in **L-CAS 2022 summer project**
- **Lincoln Award** recipient, **March 2022**
- [Research Paper](#) selected in **LCAS conference, June 2021**
- **Lincoln Global Scholarship** to study Master's in the University
- **Silver Elite certificate** in **Remote sensing course** taken in IIT-R, June 2020

📢 REFERENCES

Both academic and industrial references available on request