

# YOUMNA ELSHIMY

## Aspiring Data Analyst

- Phone Number: [+61 405 204 538](tel:+61405204538)
- Email: [younna.elshimy@outlook.com](mailto:younna.elshimy@outlook.com)
- Address: [502/41 Crown Street, Wollongong NSW 2500](#)
- LinkedIn: <https://www.linkedin.com/in/younna-elshimy/>
- Projects: [https://drive.google.com/drive/folders/1Fel-mCEbvVS-4bxqjp5lCFdF\\_MezhiAJ?usp=sharing](https://drive.google.com/drive/folders/1Fel-mCEbvVS-4bxqjp5lCFdF_MezhiAJ?usp=sharing)

## SKILLS

### Non-Technical Skills:

- Driven
- Resilience
- Teamwork
- Leadership
- Quick Learner
- Goal-Oriented
- Communication
- Critical Thinking
- Problem-solving
- Business Acumen
- Attention to Details
- Analytical Thinking
- Service Orientation
- Time Management
- Project Management, Jira, Trello, Gantt Charts

### Technical Skills:

- Data Mining, Analysis, Manipulation, Preprocessing, Modelling, Visualization, Tuning
- EDA, ETL & ELT
- RapidMiner, Apache Kafka, MongoDB, GitHub, Git, Power BI, Microsoft Excel, IDEs
- Deep & Machine Learning Techniques
- Image & Text Processing
- R, Python, SQL, Java, C++, HTML, CSS, JavaScript, Spring Boot
- Web & Mobile Application Development, UI/UX Designing

## EDUCATION AND TRAINING

### **QIBA Sydney, 2025**

- Professional Year in IT (2025)

### **UOW Australia, 2021-2024**

- Bachelor of Computer Science (2021 - 2023) - Software Engineering Major: Distinction Average
- Bachelor of Computer Science (Honours) (2024) : Distinction Average
- Awards: Undergraduate Excellence Award, Leadership Learning Stream Award, Collaboration & Communication Learning Stream Award, UOWx Award, Innovation and Community Award

### **UOW College Australia, 2020-2021**

- Foundation Studies: 2 Sessions
- Outstanding Achievement Award

### **Courses, 2023-Present**

- AWS Academy Cloud Foundations | AWS 2023
- Applied Deep Learning | Mahara Tech
- Google Data Analytics Professional Certificate | Google

## ABOUT ME

Recent Computer Science (Honours) graduate from the University of Wollongong with a strong foundation in data analysis, machine learning, and software development. Passionate about leveraging AI and data-driven insights to solve real-world problems. Experienced in building classification models, analyzing social media misinformation, and detecting UI components using neural networks. Highly adaptable, with strong problem-solving skills developed through hands-on projects and extracurricular involvement, including mentorship and volunteering. Currently completing a Professional Year (PY) in IT at QIBA, seeking an opportunity to apply my skills in a dynamic and growth-oriented environment.

## Projects

More projects and details are available [here](#)

- A Python-based deep learning model for classifying ImageNet images. The goal was to match the accuracies of two test sets, one from ImageNet and another from ImageNetV2 as much as possible and to analyse why the reasons for the performance gaps between them.
- Python-based Machine learning models to correctly classify human and non-human profiles on the internet. Classification, clustering, regression, text processing, and association rules techniques were used in this project.
- Python-based Machine learning models to find the top 10 products among all categories sold by a website called NewChic, as well as the best category among the selected categories.
- R-based Machine learning models that predict whether a client will subscribe to a Portuguese bank's term deposit or not.
- R-based Machine learning models to assess a client's credit worthiness to help in deciding whether to give them loans or not.
- A stopwatch Android mobile application with start, stop, reset clock options.
- An Android mobile application that does 4 types of animations on an image: translation, fading, rotation, and scaling.
- A tip calculator Android mobile application that allows users to calculate a tip based on a percentage of the total bill amount.
- A simulation C++ program of a campaign and its subsequent election.
- A C++ program that implements the processing of customer orders for robots from a robot construction company.
- A Java-based student enrolment system for managing undergraduate and postgraduate courses.
- A Java-based ordering system for a computer parts shop.
- A Spring Boot program designed to function as a distributed microservices-based application, managing various aspects of a business workflow.

# PROFESSIONAL EXPERIENCE

## University of Wollongong | EIS Student Mentor

2024

- Help students navigate the UOW environment.
- Providing advice and helping students to navigate lectures, tutorials and UOW systems.
- Familiarising students with the Faculty/Schools of EIS, and UOW success and support services.
- Sharing my knowledge and experience at UOW and answering students' questions.
- Developing their support and friendship networks via organising a variety of social and study sessions.
- Organising and holding workshops to introduce students to the basics of coding with Python, web development, machine learning, and cryptography.

## Illawarra Multicultural Services Electronics Repair Shop | Technology Assistant Volunteer

2024

- Fix issues related to electronic devices.
- Help people of non-English speaking backgrounds, who may not know English, create essential accounts, such as MyGov account.
- Organise and deliver digital literacies information sessions about online scam awareness, how to take care of your electronic devices, and AI.
- Come up with tailored ideas to deliver digital literacies information sessions to people of different ages.
- Attend and actively participate in training sessions.

## Practera | UoM Science Digital Industry Project Mentor

2024

- Meet with a team of students for around one hour each week of the program.
- Review the team's reports and provides formal feedback.
- Support the team and provides valuable industry insight on draft deliverables before it is submitted to the Client.
- Coach the team to prepare for their final presentation.
- Assist the team to reflect on their work attitudes and experiences during the program to keep them engaged and motivated.

## UOW SAIT | Exam Invigilator, Scribe, and Reader

2024

- Write brief reports about a particular exam - time started and finished, interruptions, student behaviour or comments, fire alarms, noise outside the room, etc.
- Handwrite on behalf of the student exactly as spoken by the student.
- Act as the 'eyes' of the student and read out loud the exam questions or the student's own answers or notes.

## UOW SAIT | Student Accessibility Peer

2024

- Be conscientious and organised to support students with disability to have the best possible experience of university life.
- Work with students who have moderate access needs to achieve their stated goals in areas such as: laboratory & ICT facilitation and providing strategies for organisation.
- Mentor and tutor the student during their labs and help them in answering lab questions.
- Provide weekly reports of students' progress to my supervisors and report all critical incidents to them.

## UOW SAIT | Student Accessibility Assist

2023-2024

- Enabling equitable access to students' learning and improve their engagement with coursework.
- Accessing content and uploading final documents within 2 days.
- Be attentive to details and have the computer literacy skills to clean and convert transcripts using listening, correction, and appropriate grammar into accessible transcripts using Automatic Speech Recognition software.

## UOW Pulse | Volunteer

2022-2024

- February 2024: Volunteer of the month
- As a Pulse Volunteer, I was able to connect to more people and help improve their wellbeing through various volunteering opportunities. This has had a positive influence on my communication, teamwork, leadership, and time management skills.
- I was also a Pantry Leader at the Pulse Pantry, a free supermarket for students at UOW, where I am responsible for stocking the pantry, maintaining order during opening hours, recording students' details, managing the volunteers, observing patterns in students' purchasing behaviour, taking note of missing stock, solving problems as they arise, and coming up with ideas to ensure the success of the pantry.

## Campus Group | Student Brand Ambassador

2024

- Promote the businesses of the Companies and Clients at various universities.
- Be attentive to details during campaigns and come up with different marketing ideas to improve their business.
- Setting up and packing down stalls at the universities to use for promoting the businesses.
- Hold and participate in various activities aimed at promoting the brands.
- Attract students to the stall and achieve the target number of sign-ups for the company's competition.
- Attend and actively participate in training sessions.

Probe CX | Customer Solutions Specialist

2023

- Handle inbound contacts within the required time frame.
- Be attentive to details and analyse clients' situations, then provide them with the most suitable solutions for them.
- Handle objections from customers and negotiate with them their options.
- Attend and actively participate in training and development.

University of Wollongong | Learning Labs Volunteer

2022

- UOW Learning Labs is an initiative for high achievers in grades one to ten that provides intellectual and artistic stimulation. I had the chance to participate in various workshops with those kids and their teachers as a volunteer in the programme. I was also responsible for guiding the children's guardians, looking after the kids, and taking care of any issues that arise while informing my supervisors. This has benefited my teamwork, communication, leadership, and mentoring abilities.

Study Australia Industry Experience Program | Participant

2021-2022

- This program provides international students with the opportunity to participate in industry projects alongside culturally diverse students from different universities. My team constructed a business solution for a not-for-profit driving school called Murri's on the Move Driving School (MOTM) with the aim of improving their financial situation.

PROFESSIONAL DEVELOPMENT

Cisco MentorMe Program | Mentee

2022

- This program allows women who are studying a STEM degree to be mentored by industry professionals and improve their skills in various areas, including IT through job shadowing. I did several job shadowing sessions with various Cisco employees with different experiences and job positions in software engineering and marketing.

UOW Co-Curricular Activities | Participant

2021-2024

- I have participated in various UOWx activities and workshops including UOWx101, EIS Mentoring Program, UOWx Leadership Action Class Series, Value-Based Leadership: A Surprising Journey Kevin McDonald, Future Ready Graduates the University of Wollongong, and Employability Skills Workshop Series Careers Central. These activities and workshops allowed me to improve my organisation, communication, problem-solving, teamwork, leadership, and time management skills.

LANGUAGES

- Arabic – Native
- English – Fluent

REFEREES

Dr. Elena Vlahu-Gjorgievska, PhD | Honours Research Supervisor

🏠 Position: [Senior Lecturer](#)  
[Academic Program Director for MIT](#)  
[School of Computing and Information Technology |](#)  
[Faculty of Engineering and Information Sciences |](#)  
[3.206](#)  
[University of Wollongong NSW 2522 Australia](#)

📞 Mobile Phone Number: [+61 2 4221 4606](#)

✉ Email: [elenavg@uow.edu.au](mailto:elenavg@uow.edu.au)