

# MADINA LOPEZ LAWANI

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Having graduated in September 2023, technical expertise and skills have been cultivated through the academic journey and previous work experiences. Proficiency with multiple programming languages, operating systems, and development tools is part of the repertoire, alongside hands-on experience in the system development life cycle. Specialising in mobile technology serves as the driving force behind the eagerness to progress within a software development graduate program.

## EDUCATION

### BACHELOR OF SCIENCE HONOURS FIRST CLASS IN COMPUTER SCIENCE, UNIVERSITY OF EAST LONDON

(OCTOBER 2020 – SEPTEMBER 2023)

**FINAL YEAR PROJECT:** Implemented an application that can analyse allergic reactions and share allergy history with health professionals and solve problems related to allergy management and allergy history tracking.

**CLASSIFICATIONS:** Key modules include Database Systems (88%), Web and Mobile Application Development (83%), Computer and Network Security (88%), Communications and Networks (73%), Mobile and Distributed Systems (73%), and Artificial Intelligence (88%).

**ACHIEVEMENTS:** Achievement Prize in Data Communication and Networks and Mental Wealth Professional Life 2.

### TECHNICAL SKILLS:

- **PROGRAMMING:** Experienced with Java, JavaScript, Python, and Kotlin.
- **DATABASES:** Administered and optimized MongoDB, MySQL, and SQL Server.
- **MISCELLANEOUS:** Proficient in Windows, Mac OS, and Microsoft Office (Excel, PowerPoint, Word, Teams, Visual Studio, and Outlook), HTML & CSS, ReactJS, Wireshark, Android Studio, and Cisco Packet Tracer.
- **LANGUAGES:** Fluent in English, Filipino, and Spanish.
- **ONLINE COURSES:** Completed courses in Microsoft Office (Word, Excel, Outlook) (January – February 2022), Building a Small Business Website with WordPress (November 2021), 5 Day Coding Challenge HTML, CSS & JS (May 2021), Introduction to Graphic Design: Illustrator (March 2021), and Outlook: Efficient Email Management (February 2021).

## WORK EXPERIENCE

### STUDENT AMBASSADOR, UNIVERSITY OF EAST LONDON

(OCTOBER 2021 – PRESENT)

- Influenced in coordinating the setup of registration zones for a crowd of 1300 attendees.
- Implemented a streamlined visitor registration process, reducing check-in time by 30%.
- Presented and promoted the University by highlighting unique selling points to large groups of interested sixth-form students.

### TECHNOLOGY CONSULTANT INTERN, EY AT TECHNOLOGY BRIGHT NETWORK

(JULY 2021)

**Project Scope:** Regulation 1215 compliance requirements:

- Monitored mask-wearing in the office, implemented real-time office occupancy monitoring, forecasted desk allocations, ensured secure personal data storage, evaluated reporting tools and led the implementation of an occupancy monitoring system.

#### Approach:

- Conducted in-depth research on innovative technologies.
- Performed thorough vendor comparisons.
- Created a concise recommendation summary, covering the problem, solutions, costs, and benefits.

### PRIVATE CHILD-CARE WORKER

(NOVEMBER 2018 - MARCH 2020)

- Implemented weekly educational schedules to enhance children's learning through diverse activities.
- Adhered to protocol surrounding health & safety and ensured the environment was safe and sterilised for toddlers.
- Established regular communication channels with parents.

(OCTOBER 2016 - OCTOBER 2018) CAREER BREAK FOR MATERNITY LEAVE

### HEALTHCARE ASSISTANT | PATRICIA - CHIGWELL

(MARCH 2016 - SEPTEMBER 2016)

- Monitored conditions, with a focus on personal hygiene and mental stimulation.
- Exceeded client expectations in clinical duties, achieving a positive feedback rate through consistent high-quality care and personalised support.

### SALES ADVISOR LADIES WEAR PRODUCTS | RIVER ISLAND

(NOVEMBER 2015 - MARCH 2016)

- Delivered exceptional sales service.
- Managed store stock and assisted an average of 50 customers per day, achieving a 90% customer satisfaction rate.
- Resolved 90% of customer complaints and issues within 24 hours.

### INTERESTS

With a diverse range of hobbies, I am particularly passionate about culinary arts, including cooking, baking, and crafting decorative cakes, which have led to a thriving home-based business. My dedication extends to continuous self-improvement through online courses and certifications, complemented by an active lifestyle involving sports like badminton, bowling, and volleyball.