Lina El Yacoubi

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EDUCATION

University of Ottawa   Ottawa, ON
Bachelor of Applied Science, Software Engineering (CO-OP)   *Sep. 2023 – Dec. 2027*

- Relevant courses: Communication and Professional Responsibility of Software Engineering, Introduction to Product Development for Engineers and Computer Scientists,Computer Architecture, Data Structures and Algorithms, Introduction to Product Development for Engineers and Computer Scientists, Software Quality Assurance, Analysis and Design of User Interfaces.
- Admission scholarship of $36,000/year$.
- GPA: 9.0/10

RELEVANT WORK EXPERIENCE

Project Management Co-op - Engineering Project Services   Jan. 2025 – April 2025
Nordion Inc.   *Ottawa, ON*

- Designed and maintained engineering dashboards in Excel and Power BI to track project performance and KPIs like cost, timeline, and resource allocation.
- Updated dashboards using Power Query, Visual Studio, and SQL Server to ensure real-time data accuracy.
- Created and managed SharePoint lists with automated workflows to streamline different type of requests.
- Collaborated with engineering and project teams to ensure dashboards met department requirements.

Assistant IT Technician   Sep. 2024 – Dec. 2024
University of Ottawa   *Ottawa, ON*

- Provided technical support to many students and ensured lab compliance with university policies.
- Reimaged university computers and verified desktops and laptops for performance and compliance with university policies.
- Solved problems by tackling a wide range of technical challenges, from basic system setups to complex troubleshooting scenarios.

Web Developer (Co-op student)   May 2024 – August 2024
University of Ottawa   *Ottawa, ON*

- Reviewed and created web content to ensure the accessibility of pages and websites (WCAG 2.0 standard).
- Reviewed and developed HTML, CSS, and JavaScript content using editors like VS Code.
- Worked with the Office suite for tasks such as video transcription, completing multimedia inventories, and other documents related to production.
- Solved problems and communicated by working on various projects.
- Managed my time effectively.

OTHER EXPERIENCE

Customer Service Associate   May 2024 – Oct. 2024
Simons   *Ottawa, ON*

- Multitasked effectively by completing money transactions and meeting the customer's demand.
- Fluent communication in both languages (French and English).

PROJECTS

BudgetBuddy | *HTML, CSS, JavaScript*   Sep. 2023 – Dec. 2023

- Designed BudgetBuddy, a financial tracker website to help university students manage shared expenses such as rent, groceries, and bills.
- Used HTML, CSS, and JavaScript to create a responsive and user-friendly interface.
- Employed GitHub and Git for effective project management and collaboration with classmates, ensuring smooth version control and continuous integration.

EAMS | *Java, SQLite, Android Studio*   Sep. 2024 – Dec. 2024

- Developed a mobile application for managing event attendance using Java and XML in Android Studio.
- Designed an intuitive UI to allow the administrator to approve/reject registrations for both organizers and attendees.
- Implemented a registration system allowing attendees to browse events, register, and receive status updates on their application.
- Developed an approval system where organizers can approve or reject attendee registrations, with status updates displayed in real time.
- Integrated a SQLite database to store user profiles, event details, and attendance records, ensuring efficient data management.

SmartScope | *Arduino IDE, Microcontroller Programming*   Sep. 2024 – Dec. 2024
- Designed SmartScope, an adaptive camera support system designed for a vlogger with cerebral palsy.
- Developed C code in Arduino IDE to enable wireless control of the camera mount system using only the Head-Array ensuring reliable response times to achieve smooth pan, tilt, and rotation functionalities.
- Won a prize at the University of Ottawa's Design Day.

TECHNICAL SKILLS

Programming Languages: Java, Python, JavaScript, HTML/CSS.
Operating Systems: Experienced with macOS, Windows and Linux environments
Developer Tools: Skilled in using both VS Code and Visual Studio, Sublime Text, Android Studio, SQL and Git for efficient coding and project management.
Data Visualization: Power BI, Excel, Power Query, SQL Server Management Studio.
Automation and Workflow: SharePoint, Power Automate.
Office Suite: Word, Excel, PowerPoint, Outlook, Teams.
Languages: Very good command of French, English and Arabic; beginner in German.