ALEXIS MORA

Toronto ON | 437-545-5632 | alexismora602@gmail.com | Linkedin | Facebook | alexismoraportal.com

OBJECTIVE

Possessing a comprehensive background in web, mobile, and firmware programming, alongside specialized skills in Python scripting and document processing, the goal is to integrate into a dynamic team, offering innovative and tailored programming solutions. With a track record of enhancing student programming abilities through personalized tutoring and leading engaging workshops, the focus is on leveraging these experiences to contribute significantly to organizational goals. The aim is to collaborate effectively, driving both personal and company-wide growth, while utilizing a strong foundation in Mechatronics Engineering and Computer Programming to navigate and excel in technological challenges.

SKILLS

- C/C++
- Python
- Java
- Embedded systems
- HTML, CSS, JavaScript
- Arduino, ESP32, ARM, PIC, Raspberry
- Linux
- AWS, Azure
- Kotlin

- Excel
- SQL and Mongo
- Adaptability
- Time management
- Critical thinking
- Creativity
- Attention to detail
- Interpersonal skills
- Teamwork

EDUCATION

Diploma in Computer Programming   January 2023 - August 2024
Georgian College at ILAC, Ontario

Bachelor of Science in Mechatronic Engineering   May 2016 - December 2019
The Technological University of Tecamac, Mexico

EXPERIENCE

Software and Hardware Developer   January 2020 – Present
Technology Academy

- Development of IoT projects, including deployment of instances in AWS using Ubuntu LTS, development of web platform with NUXT.js, HTML5 and PHP, and implementation of services in Node.js using PM2 for process management.
- Custom PCB design, using Espressif and Atmega microcontrollers for motor control, lighting systems and monitoring through sensors.
- Development of custom mobile applications, using Java, Kotlin, Dart and Swift, adapted to meet the client's specific needs for effective technological solutions.
- Taught IoT courses to small and private groups throughout Latin America, facilitating the learning and implementation of IoT solutions.

- Develop skills for clearly and effectively communicating technical concepts to clients and colleagues, while also honing the ability to identify and efficiently resolve technical challenges.
- Collaborative work in multidisciplinary projects, demonstrating competence in interdepartmental cooperation and coordination.

Co-op and Career Services Computer Programming Assistant   February 2024 – Present
Georgian@ilac

- Personalize tutorials on web, mobile and firmware programming, significantly improving students' coding skills and confidence.
- Design advanced Python scripts for efficient document processing, displaying problem-solving prowess and an innovative mindset to optimize workflows and data management.
- Delivering engaging training workshops for up to 40 students, developing practical skills and a deep understanding of programming concepts, while employing effective public speaking and motivational techniques to inspire and retain student interest.
- Provide specialized tutoring to reinforce students' soft skills, emphasizing the importance of empathy, active listening and personalized feedback, thus promoting professional growth and enhancing team dynamics.

CERTIFICATIONS

Certification in Smart Cities   August 2018 - December 2018
Mondragon University, Spain

AODA: How to lend a helping hand   February 2024
Geogian@ilac, Ontario

OHSA Health and Safety Awareness Training for Employees   August 2018 - December 2018
Geogian@ilac, Ontario