

Orlando Morales

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OBJECTIVE

To acquire a co-op or permanent position as a computer application developer where I can utilize my technical skills, demonstrate my ability to deliver quality solutions, and have an opportunity to support organizational goals. Available May – August 2023 and able to transition to full-time employment in September 2023.

HIGHLIGHTS OF QUALIFICATIONS

- Development of web applications based on programming skills such as HTML5, CSS3, JavaScript, NodeJS, MongoDB, PHP7, MySQL, Bootstrap, and C#, ASP.NET MVC5 Framework.
- Implement analysis and design skills based on SDLC, CD/CI, and Agile principles.
- Front-end professional certificate by edX & W3Cx, also completed a Python foundations course by edX and MITx
- System Analysis and Design skills (UML) using Visual Paradigm.
- UX and UI Design foundations (Adobe XD).
- Excellent problem-solving, continuous learning, teamwork, communication, and analytical skills.

PROFESSIONAL EXPERIENCE

Freelance Software Developer

July 2019 to Present

- Custom Software Developed: Dashboard monitoring systems, inventory and sales systems, events registration and control, medical appointment and historical, delivery applications, and other full CRUD web apps using (PHP7, JS, HTML, CSS3, Bootstrap, and MySQL).
- Online shops (WordPress), landing pages.

Web Developer Teacher

June 2018 – August 2022

Ministry of Education, Neiva, Colombia

- Instructed web app development courses (Programming foundations, HTML5, CSS3, JS, PHP7, MySQL, Bootstrap) to students in their last two years of high school.
- Managed and supported the development of more than 20 web app co-op projects.

Engineering, IT, and Robotics Consultant

June 2017 – May 2018

SENA, Neiva, Colombia

- Developed desktop and web applications for 10 small and medium size companies.
- Guided Research, Development, and Innovation IT and engineering projects for talents, companies, and academics in accordance with the SENA guidelines.
- Advised on energy and automation systems' design, planning, and operations.

EDUCATION AND TRAINING

Computer Applications Development, Graduate Certificate (Co-op)
Conestoga College, Waterloo, ON

Sep 2022-present

- Maintaining a 3.95/4 overall GPA.

CAPSTONE PROJECT (under development)

Virtual Immersive Clinical Collaboration and EncounteRs (VICCERs)

- Technologies: WebRTC, Kubernetes, NodeJS, MongoDB, HTML5, CSS3.
- Full-stack web application based on the idea of providing doctors and patients with an online platform to communicate in real-time by Video Call and chat.
- Includes an admin panel for doctors to manage appointments and records.

Verified International Academic Qualifications - WES

Master of Energy Systems

2015-2016

The University of Melbourne, Melbourne, Australia

- Second Class Honours Division B (3/4 GPA)
- Technical, business, and commercial analysis of energy systems (renewable and non-renewable)

Graduate In Automation for Industrial Processes

2013-2015

De los Andes University, Bogotá, Colombia

- GPA 4.1 over 5
- Capstone Project: Design and assessment of several control strategies to regulate pyro-tubular boilers' steam injection to assure the process required crude emulsion temperature.

Electronics Engineer

2002-2008

University Santo Tomas, Bogota, Colombia

- Minor in Artificial Intelligence and Computer Vision
- Cisco CCNA diploma

INTERESTS

- Gain experience in the IT or software development industry in Canada.
- Learning new technologies using edX, Udemy, Platzi, and LinkedIn online courses (TypeScript, Data Analytics, WebRTC, Azure Fundamentals, and Kubernetes).
- Playing chess, table tennis, hiking, traveling, tech, and sharing time with family and friends.