

LUZ ADRIANA ARIZA

100 Cosburn Avenue, Toronto ON M4K 2G7

Cell: 647-745-8491

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a-d-r-u@hotmail.com

<https://github.com/AdrianaAriza>

An engineering professional, with expertise in software development, mechatronics engineering and production management. Skilled in technical troubleshooting and complex problem-solving. Proven capacity for high performance in tight deadlines and within collaborative settings.

TECHNICAL SKILLS

- Programming: Object Oriented Programming (OOP), Python, Java, JavaScript, CSS, Angular
- Python Libraries for AI: Supervised Learning and Natural Language Processing (NLP)
- Frameworks & REST API's: Django, NodeJS, Express, Postman
- Infrastructure & Databases: AWS, Docker, SQL and NoSQL Databases
- Control version: GitHub, GitLab, Bitbucket
- 1 year of work experience as a Junior Backend Developer
- Multilingual: Fluent in English and Spanish

EDUCATION

Software Engineering Technology - Artificial Intelligence Advanced Diploma 2020 - Present
Centennial College, Toronto, ON GPA: 4.28/4.5

Focus: Software Systems Design, Java Programming, Machine Learning, Algorithms & Data Structures, Testing & QA, Web Application Development, Web Interface Design, Unix/Linux

Bachelor of Engineering - Mechatronics Graduated 2015
Universidad Militar Nueva Granada, Bogota, Colombia

WORK EXPERIENCE

Software Engineer Co-op Part Time TD Bank Group, Toronto, Canada Aug 2022 - Present
Commercial Bank - <https://www.td.com/ca/en/about-td/>

- Write and deploy ETL PySpark scripts to query, process and transform data.
- Assist in the development/maintenance of comprehensive processes for prevention of issues and participate in problem determination and timely resolution of incidents applying appropriate quality measures
- Perform Unit and System Integration testing
- Participate in Proof of Concept (POC) on new technologies and document findings
- Conduct program/ system research, analysis, detailed design and problem resolution
- Ensure defect free programming by testing and debugging using available/appropriate tools and participate in reviewing peer coding
- Apply Software Development Life Cycle (SDLC) and Project Management Methodology (PMLC) to complete specific development tasks for projects.

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Junior Backend Developer Mo-Tecnologias, Bogota, Colombia Sept 2020 - Aug 2021
Fintech - <https://wearemo.com/>

- Provide backend solutions, implementing Python REST API's and micro-services & AWS cloud services
- Assist in defining views, layout and flowcharts of the projects
- Perform code review of team member push requests using Git; perform QA processes
- Review logs in Sentry and cloud-watch of the projects to solve issues and implement upgrades
- Design databases (SQL & NoSQL) structures according to the requirements of each project ensuring accessibility, scalability and ease of maintenance

Junior Full-stack Developer Muni, Bogota, Colombia Jun 2020 - Aug 2020
E-commerce - <https://munitienda.com/>

- Develop website components using modern frameworks such as React and NodeJS
- Collaborate with designers and other developers to launch web applications
- Perform code review of team members push requests using Git

Production Manager PRAMEC, Bogota Colombia March 2018 - Aug 2019
Metal-Mechanic Production - <https://pramec.co/fabrica-piezas-metalicas/>

- Oversee operations and planning of the production lines
- Review the conditions of the machinery and work tools for safety and compliance
- Lead team to increase performance, improve safety procedures and group morale
- Implement Lean Manufacturing methods and continuous improvement programs

VOLUNTEER EXPERIENCE

STEM Instructor, Codo a Codo, Bogota, Colombia 2012 - 2018

- Provide instruction in chemistry, mathematics, and computer science foundations in a community-based program for vulnerable youth and adults