Marela Carlos

Email: marelajcarlos@gmail.com **GitHub:** github.com/missmarlos
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Skills

Programming Languages: TypeScript, JavaScript, C#, Java, Python, SQL, GraphQL
Web Development/Design: ReactJS, HTML, CSS, SCSS, Node.js, Express.js, .NET Core, .NET Framework, Amazon Web Services, REST API, Adobe XD, Figma, Material UI
Software Tools: Git, Git Bash, Subversion, TortoiseSVN, Jira, TestRail, ReSharper, CircleCI
Data: NumPy, Pandas, Matplotlib, Gephi, Jupyter Notebook, PostgreSQL, NoSQL, SAPHana, Aurora, DynamoDB, MongoDB, Google Analytics

Professional Experience

Divestco Geoscience Ltd. - *Software Developer Intern* *May 2021-Aug 2021*
- Refactored and re-released legacy API that is being used in several client's products
- Rewrote C# unit tests to improve reliability and uptime of the re-released REST API
- Applied geoscience industry knowledge to unit test data to simulate realistic scenarios
- Wrote new instructional API documentation that saves customers and developers time debugging when implementing and working with the API

Nutrien Ltd. - *Software Developer Intern* *May 2020-Apr 2021*
- Developed features for full stack web applications to grow output of company sales processes
- Optimized the user experience by translating Figma mockups into responsive ReactJS user interfaces with TypeScript to increase accessibility and allow usage on different device types
- Followed various software design patterns when accessing data from Google Analytics, SAPHana, Aurora, and DynamoDB for code readability and reuse
- Visualized user data onto KPI dashboards used regularly by upper management to track progress of applications and to accelerate development for areas of improvement
- Unit tested AWS lambda functionality in C# to minimize risks during software releases
- Chosen out of four interns to gather requirements, design, and develop a scheduling application used daily by team of international employees, increasing internal task organization

QuirkLogic, Inc. - *Quality Assurance Intern* *Jan 2020-Apr 2020*
- Gained better knowledge of the user experience and reduced issues in production by thoroughly testing hardware and software products manually
- Divided tests in TestRail amongst team members to maintain efficiency prior to releases
- Recreated bugs for developers to lessen their story points allocated for troubleshooting
- Flashed and tested newly built hardware prior to delivery to clients to ensure products' stability

Education

Bachelor of Science in Computer Science - *University of Calgary* *Sep 2017-Dec 2021*

Projects - *more projects available on missmarlos.github.io*

Hypertrophy Fitness Social Media Web Application - *Major Course Project* *May 2019-Jun 2019*
- Developed a social media web application that lets users share workouts to a community
- Implemented secure user logins, and stored and retrieved data using PHP and SQL
- Created responsive user interfaces with HTML5, CSS3, and Bootstrap 4