

Alejandra Perez

Software Developer

Email: perezalejandra.e@gmail.com

Technical Skills

HTML, HTML5, CSS, JavaScript, TypeScript, ES6, D3.js, Node.js, Java, Oracle SQL, VBA, C, C++, React, jQuery, UML, Webflow, Figma, macOS, Microsoft Windows, Linux, Git, GitHub, HP QTP, Blue Prism

Experience

Software Developer | Tata Consultancy Services

July 2020 – Present

Helping TCS clients achieve their business objectives by providing IT solutions and services to catalyze change and deliver exceptional results

- Sharpen my understanding of Java and SQL, while demonstrating the ability to integrate and utilize the two in Eclipse, Toad for Oracle and HP ALM
- Collaborate on an agile team of 20+ analysts, developers and software testers to achieve successful completions of the migration of RPA bots
- Maintain various processes by using bots associated with Blue Prism, to ensure that they only produce an error rate of 10% or less
- Present and train team members by providing walk throughs, to demonstrate my expertise and understanding on client processes, while transferring my knowledge to others
- Investigate and analyze reasons why RPA bots terminated by examining the data that was outputted and understanding each processes system flow in the software development life cycle
- Document and report the completed tasks that the robotic processes produced throughout the day and present results to the onshore and offshore team members

Frontend Developer | Homebound

July 2019 – April 2020

Helping over 150 technology professionals connect with investment companies to discover a more exclusive way to create new partnerships and invest in real estate

- Leading the development for a web redesign to make high-growth real estate funds more accessible – 12 sprints completed
- Review technical design documents into functional, convenient and aesthetically pleasing interface before its building stage
- Breaking down complex requirements into smaller, actionable steps, including building an interactive graph and responsive calculators
- Solve problems when helping in designing the web redesign by debugging, troubleshooting and implementing solutions to the complex technical issues
- Collaborate closely with designers, engineers, and product managers on an agile team to implement 7 Zeplin UI mock-ups that had the Design Thinking Methodology in mind
- Performing 25+ unit tests across 10 web pages to identify existing and future opportunities to improve the overall user experiences
- Improve and constantly maintain the changes in the application by implementing user experience enhancements that were written or verbally communicated by a product manager

Software Testing Assistant | Ontario Ministry of Community and Social Services

May 2018 – April 2019

Collaborated closely with 20+ QA engineers and analysts to deliver 50+ testing requirements for the development team

- Managed the migration of the 10 Children's Aid Society databases to their new children's protection information network
- Tested over 20 technical documents, which included the revision and maintenance of any data provided by the quality analyst
- Decreased automation backlogs by 7% by identifying new errors, analyzing VBA code, debugging and executing test scripts

- Performed integration, systems, and regression testing for 6 software changes to increase overall team productivity
- Ensured that the product that was being provided, delivered a practical user experience along with high performance, security and stability
- Reported results directly to team leads and then documented them in HP Application Life Cycle Management quality center, thereby performing the tasks accurately with almost 90% precision
- Created documentation, test cases based off of specific scenarios, walk-throughs to assist senior testing assistants

Volunteer

Instructor | Canada Learning Code

September 2020

Instructed a group of 68 individuals in understanding the basics of the database language SQL

- Educated a group of 68 students in SQL queries using fundamental basics such as SELECT, FROM, WHERE, GROUP BY and JOINS
- Manipulated data on the spot to further demonstrate and explain how to manage and change data from a database

Mentor | Canada Learning Code

November 2019

Supported a class of 15 children in developing their first website at a #kidslearningcode event

- Assisted 3 other mentors and a Canada Learning Code instructor in teaching children between the ages of 9 and 10 in learning the basics of HTML and CSS to develop their first programming project

Timekeeper / Speaker Supporter | #a11yTO

October 2019

Assisted 5 tech leads at the #a11yTO conference by keeping speakers on the schedule and helped over 20 speakers after their presentations

- Worked in the tech booth to assist the tech team to display a message of time on a screen for presenters, if presenters cannot make use of the screen, discreet support was provided
- Ensured that speakers felt comfortable and not overcrowded when addressing guest questions
- Learned about building accessible web applications concerning accessible standards and assistive technologies

Web Projects

Tic Tac Toe

HTML, CSS, JavaScript, React | 2020

Super Mario Animation

HTML, CSS | 2019

Budget Application

HTML, CSS, JavaScript | 2019

Drum Kit

HTML, CSS, JavaScript | 2019

Dice Game

HTML, CSS, JavaScript | 2019

Education

Diploma in Computer Programming

Seneca College | June 2019

Bachelor's Degree in Sociology & Minor in Psychology

Carleton University | November 2015