RICKY ARORA

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Languages, Technologies & Activities

- Skills: Ruby, Rails, Java, C#, ASP.Net, XML, HTML5, CSS, JavaScript, jQuery, SQL, Bootstrap, Java Servlets, Rails, PostgreSQL, React, Puppeteer, Node, Jira, GitHub, MySQL, BI, T-SQL, Statistics & Python, Unix, Unit-tests, integration tests, data cleaning, MS Visio, Confluence, Cloud technologies (Heroku, AWS, Google Cloud, Azure), Docker, Cypress

WORK EXPERIENCE

Software Engineer, Canadian Tire   **Toronto, ON**   **2020 – Present**

- Implemented subscription features into Triangle.ca using React.js. Created mockups using storybook and implemented unit testing of the frontend with Mocha/Chai and Cypress.
- Used Angular and Spring Boot to fix bugs and implement features on the Sport Check Inventory Management application. Also implemented a centralized repository for all companies under the FGL banner for bookkeeping.

Software Engineer Intern, **Homestars**   **Toronto, ON**   **Sept 2019 – Dec 2019**

- Used Styled Components with React.js & Ruby on Rails to create Full-Stack functionality which boosted company newsletter subscription rates by 30%.
- Participated in Daily standups, weekly backlog grooming. Utilized Jira for tickets and GitHub for version control.
- Used Ruby on Rails and MixPanel to track customer interaction with the Homestars Web App.

Software Developer Intern, Xero - Hubdoc   **Toronto, ON**   **May 2019 – Aug 2019**

- Maintained and added to a fleet of web-scrapers targeting ~1000 vendors.
- Used Electron, nightmare.js, electron.js, Typescript, ES6 and puppeteer to scrape information for accountants.
- Participated in daily standups, used Jira & GitHub to maintain workflow, complete tickets and led meetings.

Web Developer, Osgoode Hall Law School   **Toronto, ON**   **Sept 2018 - Dec 2018**

- Completed redesign of IPOsgoode.ca – Osgoode's IP department website. Redesigned the site to be AODA Compliant, improved design, upgraded images, used PHP, CSS3, HTML5, Photoshop, and CMS for the project.
- Met with stakeholders to foster an iterative development process for development.

Software Developer intern, Revera   **Mississauga, ON**   **Sept 2017 - Dec 2017**

- Designed & Created a Central Repository of Employees that could be downloaded onto an Excel spreadsheet in different formats and created a GUI so a non-technical user can update & maintain the list of Employees.
- Increased efficiency of the Application by 50% by upgrading inefficient SQL and Library usage. Application is used by 100+ Retirement homes & Long-Term Care homes to look up employee contact information
Created using ASP.Net, C# with the EPPLus library, Bootstrap, CSS, HTML5, and Transact-SQL databases

Junior Data Scientist, Ministry of Transportation   **St-Catharine's, ON**   **Jan 2017 - April 2017**

- Analyzed and Presented findings on Ontario's G1 test data to find which questions test writers were getting incorrect most often. Used SQL / Oracle DB to retrieve the data, R and Power BI to clean the data.
- Analyzed and Presented findings on the Ministries Telematics data to show which vehicles were left Idle most often, retrieved data using ARI's API and parsed it with C# then analyzed it with R and presented through Power BI

Web Developer, **Artitude Canada**   **Brampton, ON**   **2015 - 2017**

- Created Artitude Canada's website and a Children's book website created using HTML5, CSS, Bootstrap & JavaScript.

INDEPENDENT SOFTWARE PROJECTS – Available for viewing at www.rickyarora.com

- **ForkCourses:** Automated course enrollment for York University. This program sends an email when course space is available. Created using Node.JS, Puppeteer, jQuery, PostgreSQL, Ruby on Rails and React. Hosted on AWS.
- **Weather Web App:** Generates the weather for your current location using the IP-API and the open weather API.

Education

- **Honors Bachelor's Degree in Computer Science**, York University   **2018 – 2022**
    - GPA 3.3/4