RAMNEEK RIAR

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EDUCATION

Toronto Metropolitan University (formerly Ryerson) — Expected Graduation October 2024
Bachelor of Science in Computer Science (Co-op) — *Cumulative GPA: 3.77/4.33*

TECHNICAL SKILLS

Languages: Python, JavaScript, Java, C, SQL, HTML/CSS
Technologies: Git, BitBucket, Jira, React, MUI, Confluence, UNIX, Selenium

EXPERIENCE

PointClickCare — *Mississauga*
Software Engineer — *September 2023 - December 2023*
Software Engineer Intern — *January 2023 – August 2023*

- Spearheading the UI development of a customer messaging service web-app using **React**, **MUI** and **Restful APIs** to supply and configure messages to over **17K** facilities across North America
- Integrating **Identity Access Management** features within core application for user transition and experience
- Resolving production defects and delivering high-quality code and documentation for assigned tickets
- Participating in code reviews with feedback to enhance code quality, efficiency, and maintainability

BMO Financial Group — *Toronto*
Quality Assurance Analyst Intern — *May 2021 – December 2021*

- Developed a suite of test cases from scratch to perform automated visual regression testing for over **70+ web components** using **Python Selenium** and Applitools in agile environment
- Refactored the team code base as a result of updating to latest version of **Storybook** to improve efficiency of components with **InVision**
- Analyzed components to unify **100+ pages** of documentation and code base between subsystems on InVision
- Maintained and achieved accessibility guidelines **(WCAG 2.1)** whilst optimizing web components collaborating with design and development teams

PROJECTS

Notion Library Alexa Skill ⬈ | *JavaScript, Alexa Skills Kit, Notion API, Google Books API*

- Designed and implemented an Amazon Alexa skill that leverages Notion API and Google Books API to update my personal library database in real time using AWS Lambda
- Programmed intent handlers to parse slot values and generate async requests to add, retrieve or update properties such as author, status, genre, rating, format and number of pages for a given book
- Created custom slot types for sample utterances to train and test model utilizing Alexa Developer Console

Spacestagram ⬈ | *React, NASA API, axios, MUI*

- Developed and deployed an Instagram clone web-app with NASA API to display posts with infinite scrolling
- Used async functions to fetch and handle data as Post objects when user reaches end of page
- Designed loading state and error-handling UI dependent on API response and utilized MUI Design Library components such as tooltip, popover, buttons and icons
- Implemented features allowing user to like/unlike posts to view their liked posts from local storage and click to copy image url