



Abhay Vaidya

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EDUCATION

University of Toronto

Expected Apr. 2021

Honours BSc, **Computer Science Co-op - Software Engineering Stream**

GPA: 3.45/4.00 (Dean's List 2016 - 2018)

Coursework: Data Structures, Algorithms, Engineering Large Software Systems, Software Design, Computer and Network Security, Systems Programming, Human-Computer Interaction

PROFESSIONAL EXPERIENCE

Rangle.io

May 2019 - Aug. 2019

Software Developer Co-op

Toronto, ON

- Implemented and launched new modular flow to streamline customer onboarding and product checkout for US wellness brand's largest demographic
 - Spearheaded front-end development and single-handedly built over 40% of new accessible and responsive user interface (React, Redux)
 - Simplified code by integrating UI with back-end services asynchronously using functional programming paradigms (Node.js, Express, Redux-Saga, Ramda)
- Delivered app for Japanese clothing retailer to demonstrate unification of 30+ fragmented codebases by integrating common services layer and shared design system (Node.js, Express, React, Redux)
 - Introduced scalable build-time feature flags and CD pipeline to support 19 world regions (Bash, Heroku)

LoyaltyOne (AIR MILES)

May 2018 - Dec. 2018

Software Developer Co-op

Toronto, ON

- Architected, developed, and launched new eCommerce platform used by over 10 million AIR MILES members to redeem for merchandise (TypeScript, Node.js, React, Redux, Express, Next.js)
 - Led engineering of crucial checkout flows to support hundreds of daily transactions up to 30% faster than legacy site via server-side rendering
 - Created reusable component library to standardize all AIR MILES web applications, including 3 others currently in production
- Reduced product release times from ≈ 2 hours to < 15 minutes by designing and implementing automated changelog and CI/CD process (Jenkins, Git, Jira)
- Presented tech seminar about improving API documentation practices with Postman; adopted by 2 other teams

TECHNICAL SKILLS

Languages	JavaScript, Python, Java, SQL, HTML, CSS, C
Technologies	Node.js, React, Redux, Express, Android
Tools	Git, JUnit, Jest, Jenkins, Storybook, Docker, Jira

PROJECTS

Rümi

Spring 2019

- Prototyped React and Spring Boot web app for university students to easily find and book space on campus
- Designed mockups and conducted heuristic evaluations with peers to ensure optimal user experience

Buddi (Toronto Animal Services)

Summer 2016

- Built pet-and-owner matchmaking Android app and web dashboard for shelter staff to decrease adoption turnover and intake times by 15%
- Performed on-site research and modeled algorithm to generate suitable pairings between humans and animals