

# Abhay Vaidya

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## EDUCATION

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### 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

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### HubSpot

Jan. 2020

Incoming Software Engineering Intern

Boston, MA

### Rangle.io

May 2019 - Aug. 2019

Software Developer Intern

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

May 2018 - Dec. 2018

Software Developer Intern

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  $\approx 2$  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

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

## PROJECTS

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### Rümi

Spring 2019

- Prototyped React and Spring Boot web app for university students to easily find and book space on campus

### 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%