

# RUJU

## JAMBUSARIA

4B Computer Science  
University of Waterloo  
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### Education

Candidate for Bachelor of  
Computer Science  
Minor in Cognitive Science  
Sep 2016 - Apr 2021

### Summary

#### Languages

Java · JavaScript · Python · C++  
C · SQL · Scala · Bash

#### Frameworks

ReactJS + Redux · React Native  
REST · Spring · Selenium

#### Libraries

Material-UI · SurveyJS · Mockito  
React Bootstrap · Java.AWT  
Java.Swing · BeautifulSoup · JPA

#### Tools

Git · Bash · WAI-ARIA · Postman  
Jenkins · Bamboo · JIRA · Maven

### Interests

Cybersecurity

Natural Language Processing  
Languages (English · French  
Hindi · Gujarati · Mandarin · German)  
Cryptography · Maps  
Geography · Calligraphy

### Extracurriculars

UW A Cappella groups:  
ACE · Illuminote · Union  
Sep 2016 - Present

## Experience

### Cybersecurity Analyst | [RBC](#), [Data Protection](#) | Sep - Dec 2020

- Independently finding and preventing internal data breach issues

### Developer | [RBC](#), [Amplify](#) | May - Aug 2020

- Researched, developed, and pitched a student-led tech-based business solution to drive client revenue within RBC Capital Markets
- Collaborated with another developer to build a full-stack business insights and networking website prototype within 2 weeks using a **MERN** stack
- Designed and implemented a user-friendly UI for the site

### Software Developer | [Novus Health Inc.](#) | Sep - Dec 2019

- Updated Health Risk Assessment product to meet **WCAG** accessibility standards using **ReactJS** and **SurveyJS**, leading to signing deal with major financial institution
- Built password change feature in **React Native** mobile app for a smooth user experience
- Designed and integrated app-wide loading spinner to improve UI/UX

### Web / Java Developer | [HP Canada Inc.](#) | Jan - Apr 2019

- Led design of high-level architecture and implementation plan for a brand new messaging proxy micro-service to integrate with the global HP Public Print Location initiative
- Designed and wrote the service and **REST API** layers of a new release code generation micro-service to be used by **2+** other micro-services
- Wrote a new user permissions authentication feature to integrate with custom framework (despite no framework documentation)

### QA Automation Engineer | [RouteThis Inc.](#) | May - Aug 2018

- Verified and approved good design, usability, and functionality of **10+** major features to pass on to **35+** clients and **1 000 000+** customers
- Automated test cases for client-facing site using **Selenium** and **Java**, improving **efficiency** of execution by **20x**

## Projects

### [PhotoRate](#) | [Android](#) · [Java](#)

- Created an app allowing photos to be loaded from an online source and rated out of 5 stars with dynamic layouts and an intuitive UI experience
- Wrote an algorithm for a filter widget allowing users to filter photos by rating for convenience and ease of use

### [Atari Breakout](#) | [C++](#) · [XLib](#)

- Developed a playable, feature-complete version of Atari's Breakout for an enjoyable user experience and achieved a 98% on the assignment
- Built features including realistic ball movement across the screen, blocks disappearing, multi-coloured blocks, scoring system, lives, and re-playing after a win using **C++** for a more fun game experience