

# RUJU JAMBUSARIA

*On a lifelong mission to learn and lead*

3A Computer Science

University of Waterloo

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## Summary

### Proficient Languages

Java, Scala, JavaScript, SQL,  
Bash, C++ , C

### Familiar Languages

Python, C#, Scheme

### Tools and IDEs

Selenium, IntelliJ IDEA, Linux  
Shell, Git, GitHub, TestRail,  
LaTeX, Markdown

### Libraries

Java.awt, Java.swing, JQuery,  
BeautifulSoup

### Software

Adobe Photoshop, MS Office  
Suite, TeXStudio

## Education

Candidate for Bachelor of Computer  
Science, University of Waterloo  
2016 - 2021 (anticipated)

## Extracurriculars

- UW A Capella Ensemble, President
- Orientation Leader
- Model UN Conference Organizer

## Interests

- Languages (English, French, Hindi, Gujarati) and Language Processing
- Cybersecurity
- Maps and Geography

## Experience

QA Automation Engineer | RouteThis Inc. | May 2018 - Aug 2018

- **Automated** test cases for client-facing site using **Selenium** and **Java**, improving **efficiency** by **20x**
- Built a **web scraper** to scrape test data with **Python** and **BeautifulSoup**
- Verified and approved good design, usability, and functionality of **10+** major features to pass on to **35+** clients and **1 000 000+** customers
- Gained knowledge of computer **networks** such as functionality of **TCP** and **UDP** through writing and executing test cases for new features

QA Analyst | Climax Media Inc. | Sep 2017 - Dec 2017

- Conducted testing for the Honda Maintenance Project
- Wrote **Bash** scripts to automate test case writing process
- Found and logged **240+** issues in GitHub
- Wrote and executed **250+** test cases and **Cucumber** scenarios based on given acceptance criteria
- Approved features and wrote comprehensive testing instructions to be forwarded to client for review

## Projects

Virtual Memory Jar (HTML, CSS, JS)

- Built a web app that shows photographic or textual memories
- Wrote **JQuery** scripts allowing dynamic behaviour caused by user interaction

CodeSmart (HTML, CSS, JS)

- **Designed interface** of a click-based web app with simplicity and ease of use in mind
- Researched and implemented **HTML**, **CSS** and **JavaScript** throughout the SDLC

Game of 22 (Java)

- Developed a multi-themed 2-player card game
- Incorporated a graphic interface, arrays, and multiple screens using the **Swing**, **AWT**, and **Applet** libraries
- Designed varied theme-focused graphics using **Photoshop**

SmartAlbum (SQL)

- Created **MS Access** relational database for easy organization of photographs for a client
- **User-centric design** incorporating **menus** for easy navigation, developed through scripting environment
- Implemented **automated report generation** based on queries requiring user input (ex. Organize photos by city or date)
- Wrote up detailed documentation for all stages of PDLC