

# RUSHEEL SHAHANI

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## SUMMARY OF SKILLS

- Experienced in Java, Python, C, Racket (Scheme), Visual Basic, HTML and CSS.
- Familiarity with Android SDK, Visual Studio, JUnit, Git, Adobe Photoshop and  $\text{\LaTeX}$ .
- Working knowledge in Mac OS, Linux and Windows environments.
- Highly analytical and innovative problem solver who has demonstrated aptitude to quickly learn new tools, concepts and generate solutions to complex problems.
- Results driven achiever with exemplary planning and organizational skills.

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## EDUCATION

### Candidate for achelor of Computer Science with Software Engineering Option

University of Waterloo • Waterloo, Ontario, Canada

(Fall 2014 - Current)

**Honours:** Recipient of Presidents Scholarship · Recipient of Crawford & Company Scholarship

**Cumulative GPA:** 3.6, 84%

### Ontario Secondary School Diploma (OSSD)

John Fraser Secondary • Mississauga, Ontario, Canada

(2011 - 2014)

**Honours:** Deans Honor List, Academic Excellence Award in Mathematics of Data Management,  
Second Place in Scholastic Decathlon Competition, Ontario Scholar Award

**Cumulative Average:** 94%

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## WORK & LEADERSHIP EXPERIENCE

### Event Organizer (November 2012 - January 2014)

#### *City of Mississauga*

- Seamlessly planned, managed budgets, organized and hosted events for teens at community centers.
- Developed effective social networking, and print ad campaigns to promote events.

### President of the Computer Science Senior Scholars Club (September 2013 - July 2014)

#### *John Fraser Secondary*

- Led a team of scholars and assigned individual and group responsibilities.
- Assisted students with their programming assignments and test preparation while suggesting improvements and clarifying concepts as needed.

### Mathematics Tutor (July 2011 - August 2014)

#### *Private Practice*

- Tutored students in grades 5-11 in a one-on-one personalized environment.
- Evaluated student's work on a weekly basis and clarified concepts as needed.

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## PROJECTS

### IMDB Data Visualizer (<https://github.com/rusheel/imdb-data-visualizer>)

- Developed the program in Python with the ability to visualize titles from the IMDb Database.
- Wrote several algorithms to efficiently process big data.

### WATIsMyGPA (<https://github.com/rusheel/android-WatIsMyGPA>)

- Developed an Android application in a short time frame at YaleHack 2014.
- Utilized creativity and teamwork skills to create a user-friendly Android application that allows students in Canadian universities to calculate their GPA by simply entering their course grades.

### Bat Face (<https://github.com/rusheel/bat-face>)

- Created a watchface app with location-based time and weather for the Pebble smartwatch at Hack The North 2014.
- Learned about the various components of the Pebble SDK, and programming in Objective-C from scratch in order to successfully develop a Pebble watchface application in a short period of time.

### Zeus - An Alternative Browser (<https://github.com/rusheel/zeus-web-browser>)

- Developed an alternative browser that makes users lives more convenient with inbuilt features such as a fully featured password manager which has the ability to store and generate secure passwords.

### Daming Qu (<http://damingqu.me>)

- Created a portfolio website using HTML5 and CSS3 for inspirational artist and photographer, Daming Qu.

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## ACTIVITIES AND INTERESTS

- Enjoys participating in the Model United Nations, Rotaract Club, playing badminton, and swimming.