

RUSHEEL SHAHANI

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SUMMARY OF SKILLS

- 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.
- **Languages:** Javascript, C, Java, Racket (Scheme), Visual Basic, HTML, CSS, \LaTeX .
- **Development:** XCode, Android Studio, IntelliJ IDEA, WebStorm
- **Frameworks and Tools:** Node.js, OAuth2, Apache JMeter, Git, Photoshop
- **Databases:** MongoDB, ElasticSearch, Couchbase, SQL

EDUCATION

Candidate for Bachelor of Computer Science with Software Engineering Option

University of Waterloo • Waterloo, Ontario, Canada

(Fall 2014 - Present)

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

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

WORK & LEADERSHIP EXPERIENCE

Software Engineer Intern (May 2015 - August 2015)

Air Miles Reward Program, LoyaltyOne

- Built a payment processing backend system for transactions in Air Miles currency,
- Implemented REST APIs using Node.js for collector information access and payment processing.
- Used several distributed strategies and developed algorithms to ensure that the payment processing was seamless and efficient.
- Used ACID principles to ensure transactions were performed reliably.
- Performed tests and analysis on a variety of databases including ElasticSearch, Couchbase, Redis using tools such as JMeter.
- Received outstanding in work term evaluation and appointed Campus Brand Ambassador for 2014/2015.

President of the Computer Science 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.
- Clarified concepts which resulted in an increase of student's grades by an average of 12%.

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.

PROJECTS

ArtfulNarration (<https://github.com/rusheel/artful-narration>)

- ArtfulNarration is a social reading platform where writers can share their stories, fan-fiction, poems and life experiences.
- Used Node.js/Express for the backend.

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

- Wrote several algorithms in Python to efficiently extract, process and visualize data from IMDb.

ACTIVITIES AND INTERESTS

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