

# Neel Ismail

FIRST-YEAR COMPUTER SCIENCE STUDENT AND ASPIRING SOFTWARE DEVELOPER

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## Skills

**Programming Languages** JavaScript · Java · HTML · CSS · C · Scheme · SQL  
**Libraries & Frameworks** React.js · Node.js · Express.js · Bootstrap · Clarifai API · PostgreSQL · MySQL  
**Tools** Postman · Git · MAMP · Microsoft Office · NPM

## Personal Projects

### Smart Brain (<https://github.com/neelismail01/smart-brain>)

- Built a responsive, mobile-friendly web application that can detect faces within images using the Clarifai API, React.js, Express.js, and SQL
- Incorporated a user registration and login system as well as a feature to track how many photos have been checked on the platform

### YourSpace (<https://github.com/neelismail01/your-space>)

- Developed a micro-blogging social media web application using HTML, CSS, Materialize.css, PHP, SQL, MySQL, and MAMP
- Created a familiar social media experience through features such as account registration, multi-media posting, feeds, and search functionality

## Experience

### Squash Ontario

*Toronto, Canada*

SUMMER INTERN

*Jun. 2019 - Aug. 2019*

- Restructured membership, provincial ranking, and city league data using MS Excel, which allowed for 100% of Squash Ontario's data for active members to be migrated into a new centralized tournament platform
- Analyzed historical effects of tournament registration fee increases on tournament revenues and participation and presented findings to the Executive Director, ultimately leading to an increase in registration fees by approximately 13% for the next season
- Served as a head coach at a Talent Identification camp for the top 24 players in Ontario aged 12 to 14; primary responsibilities were assisting in designing 6 hours of daily sessions, individualized technical coaching, and overseeing fitness sessions

### The Toronto Centre for Medical Imaging

*Toronto, Canada*

SUMMER INTERN

*Jun. 2019 - Aug. 2019*

- Suggested and organized the creation of a digital patient survey system on SurveyMonkey that has already led to a refocusing of the clinic's marketing strategy within 3 months
- Updated a detailed patient tracking spreadsheet on MS Excel using extensive IF formulas and conditional formatting, which has since reduced errors in data entry by an estimated 15%

### The Horizons Program

*Toronto, Canada*

TUTOR & MENTOR

*Sept. 2016 - Apr. 2019*

- Volunteered as a personal math and English tutor for underprivileged children aged 8 to 12 from Toronto's inner-city
- Taught students fundamental math concepts, strategies for increasing reading comprehension, and techniques to improve writing with teachers reporting noticeable improvements in academic performance and engagement after a semester of sessions

## Education

### University of Waterloo

*Waterloo, Canada*

CANDIDATE FOR BACHELOR'S DEGREE IN COMPUTER SCIENCE

*Sept. 2019 - Present*

- Recipient of President's Scholarship of Distinction (Awarded to students with an admissions average of 95% or higher)
- Member of the Men's Varsity Squash Team
- Relevant Coursework: Designing Functional Programs, Algorithm Design & Data Abstraction, Introduction to Financial Accounting

### Udemy Online Course

THE COMPLETE WEB DEVELOPER IN 2020: ZERO TO MASTERY

*Oct. 2019 - Dec. 2019*

- Technologies learned: HTML, CSS, Bootstrap, JavaScript, React.js, Node.js, SQL

## Honors & Awards

- 2019 **Member of Team Canada**, Pan-American Junior Squash Championships
- 2019 **Member of Team Ontario, Gold and Silver Medalist**, Canada Winter Games (Squash Event)
- 2019 **Recipient**, Squash Ontario Player of the Year
- 2013 **Champion**, Canadian Junior National Squash Championships