

# Nathan Raymant

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## SKILLS

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**Languages** : Java, Python, JavaScript, C#, C, HTML/CSS

**Tools** : React, NodeJS, Express, MongoDB, jQuery, Git, Bash, IntelliJ, Eclipse, PyCharm, VS Code, Adobe Photoshop

## EDUCATION

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### University of Toronto

Sep. 2018 – May 2023 (Expected)

*H.B.Sc. in Cognitive Science, Computer Science, and Mathematics*

Toronto, ON

- **Relevant Courses**: Software Design, Systems Programming, Web Development, Theory of Computation, Data Structures
- **GPA**: 3.7

## EXPERIENCE

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### Saga Communications

May 2018 – Sep. 2018

*IT Support Technician*

Grosse Pointe Farms, MI

- Focus on internal company **hardware and software repair/installation**
- Responsible for increasing efficiency in license management through writing a **Java** program that automates part of the process

### Grosse Pointe Geek

Jul. 2017 – May 2018

*Computer Repair Specialist*

Grosse Pointe, MI

- Focus on **Mac and PC repair**, including hardware and software issues
- Other responsibilities include sale of monthly repair contracts; consistently **sold the most contracts** among all branch employees

## PROJECTS

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### SimpleScripter

- An intuitive **Java Swing** desktop input scripting application I wrote and designed from the ground up
- Advanced features are built upon an **extensible** hierarchical code base
- **Serializable** scripts can be imported and exported as '.ss' files
- Allows *nested loops of commands*, designed using a **recursive** 'script execution' algorithm
- **Multithreaded** processes handle reactive UI elements and execution

### Breakfast Club

- A *food-based social media prototype* developed with **ReactJS** created by a team of four
- Utilizing a **NodeJS** and **Express** backend, Breakfast Club uses **MongoDB** to interact with a database hosted on the cloud with **Atlas** that stores user and event information
- Personally designed and implemented the **JavaScript, JSX, and CSS** for the program's event managing **React components**
- Responsible for designing the overall structure of the program, as well as programming the majority of the server and database interaction ground work

### QuizEra

- An educational **JavaScript library** designed and developed by me, dependent only on **jQuery**
- Designed as a tool for experienced and layman web developers; embed fully interactive timeline quizzes into your site with ease
- Complex **DOM manipulations** create a smooth user experience without use of external libraries

Visit my portfolio site [nathanraymant.com](https://nathanraymant.com) (Made with **ReactJS**) to see more