Nathan Raymant

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SKILLS

Languages : Java, Python, JavaScript, C#, C, HTML/CSS
Tools : React, NodeJS, Express, MongoDB, jQuery, Git, Bash, IntelliJ, Eclipse, PyCharm, VS Code, Adobe Photoshop

EDUCATION

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

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

SimpleScripter
- An intuitive **Java Swing** macro scripting application personally written 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 **React JS** 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** personally designed and developed, 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
- Experience the demo here. Source code available on GitHub