

Nathan Raymant

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◀ nathanraymant.com ▶

TECHNICAL SKILLS

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

Technologies : React, NodeJS, TailwindCSS, MS SQL Server, .NET Framework, ASP.NET, ADO.NET, jQuery, REST APIs

Tools : VS Code, Visual Studio, IntelliJ, PyCharm, SSMS, Git, GitHub, Bash, WSL, Adobe Photoshop

EDUCATION

University of Toronto

Nov. 2023

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

Toronto, ON

- **Relevant Courses**: Software Design, Software Engineering, Systems Programming, Web Development, Theory of Computation, Data Structures & Analysis, Principles of Functional Programming

EXPERIENCE

Hantz Group

May 2022 – Aug. 2022

Software Developer Intern

Southfield, MI

- Developed **full stack applications** for internal company enterprise software, primarily based on an **ASP.NET/JavaScript** frontend, **ADO.NET** middleware, and **MS SQL Server** backend.
- Designed and implemented **SQL DB schemas** that efficiently manage access to large volumes of data.
- Wrote **SQL stored procedures** for identifying inconsistencies in client transaction data.
- Created a feature-rich tool for locating sites impersonating Hantz Group financial advisors which **remains in use** and has successfully identified several bad-actors. Notably utilizes **RestSharp** and **Selenium** for data acquisition.

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 which automates branch assignment.

PROJECTS

Sayyara

- A full stack web app which streamlines customer interaction for automotive repair, created by a team of five.
- Designed and implemented the primary frontend pages and components (e.g., dashboard, appointment/quotes views) using **React**, **TypeScript**, and **TailwindCSS**.
- Laid the **UI/UX** groundwork for the team, providing **component templates** for other frontend developers.
- Said pages and components implement device-agnostic **fully responsive layouts** and dynamic UI elements featuring custom **CSS animations**.
- Responsible for implementing the frontend **authentication framework** using custom **React hooks**, **asynchronous** HTTP request processing, along with the **context API** and **browser cookies** for JWT access token management.

SimpleScripter

- An intuitive native **Java Swing** macro scripting application written and designed from the ground up.
- Built upon an **extensible** hierarchical architecture supporting a wide array of features.
- User-created scripts are **serializable** and 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 procedures.

Visit my [portfolio site](#) (built with **React**) to see additional projects and demos.