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**Programming**  
Java  
C/C++  
JavaScript  
TypeScript  
Python  
Haskell  
Bash

**Tech**  
Linux  
Git  
SQL  
MongoDB  
NodeJS  
React

# Michael J. Connor

## Software Engineer

## Work Experience

- NexJ Health **Software Engineer** March 2021 - Now
- Developed RESTful and RPC based APIs in agile environment
  - Improved services API to allow for better tolerance of server side errors
- Nanopay **Software Engineering Intern** May 2019 - December 2019
- Developed a new security authorization framework.
  - Designed and implemented database performance monitoring API.
  - Developed declarative API for use in creating RESTful micro-services, reducing related bugs in codebase by over 80%

## Open Source Contributions

- FOAM Framework**
- Improved parser to make scripting language more developer friendly

## Personal Projects

- Java **Open World Game**
- Scalable multi-threading capable of utilizing high-core processors.
  - Completely modifiable and dynamically loaded infinite open world.
  - Regression unit testing using the JUnit library.
- Java **Krisp Language and Compiler**
- Front end compiler that generates intermediate machine code easily translatable to x86-64 and ARM
  - Krisp is a made up programming language that supports basic constructs such as variables and loops
- Javascript **Smart Home Shopping Management Application**
- RESTful app with voice (Alexa) and web interfaces using MongoDB
- Java **JSON Parsing Library for Java**
- Library used to write and read java objects into a modified JSON format

## Education

- 2021 - 2023 **Master's in Computer Science**  
Georgia Institute of Technology
- 2017 - 2021 **Bachelor's in Computer Science and Mathematics**  
University of Toronto