

# David Gordon . Jarvis Consulting

Hi, my name is David Gordon. I am a professional Software Engineer based in Toronto, working on various projects at Jarvis. I received a diploma in computer programming from Conestoga College, and I'm experienced in various technologies, languages and frameworks, creating efficient applications and elegant interfaces. I've created RestAPI's in Go, Rust, C# and Java, as well as full-stack apps using Blazor, Bootstrap, Angular, and deployed them to the cloud via Azure.

## Skills

**Proficient:** Java, Linux/Bash, RDBMS/SQL, Agile/Scrum, Git, C#

**Competent:** C/C++, Rust, Typescript, Python, React

**Familiar:** Azure, Angular, Assembly, Lua, Non-Relational DBs

## Jarvis Projects

Project source code: [https://github.com/jarviscanada/jarvis\\_data\\_eng\\_DavidGordon](https://github.com/jarviscanada/jarvis_data_eng_DavidGordon)

**Cluster Monitor** [GitHub]: The Linux Cluster Monitoring Agent is a simple yet powerful solution to gathering a host system's hardware information and usage. This product is intended for IT teams who need a way to log and review their systems usage to manage server costs and performance.

**Sql Queries** [GitHub]: The SQL Queries project consists of several SQL tables that contain different relations to one another, in a PostgreSQL database running in a docker container. The purpose of this project was to become more familiar with SQL and it's various features, such as Aggregate functions, String functions, Joins, Unions and more. We created queries to Insert, Update and Delete records from tables, used Joins to combine tables for more complex views into our data, and Subqueries to collect and display specific information, like the facility with the highest bookings.

## Highlighted Projects

**Flashtyper type tester** [GitHub]: Online typing speed tracker with a global leaderboard. Written in C# ASP.NET, data is stored in a Microsoft SQL Server database, hosted in the cloud via Azure

**Epistle** [GitHub]: Note-taking web application focused on simplicity and portability. Allows the user to create 'Bookshelves' to store and organize their notes. Implemented in ASP.NET Core, EntityFrameworkCore and Microsoft SQL Server database.

## Professional Experiences

**Software Developer, Jarvis (2023-present):** As a professional developer at Jarvis, I am responsible for creating and managing various software projects, as well as testing, debugging, automating, and deploying the applications. I use Agile/Scrum methods to keep my work organized and ensure I finish tasks on time, and proper GitFlow to keep my software workflow consistent.

**Software Developer, VAR Lab (2023 Jan-2023 April):** Designed software solutions and tests to support the creation of an augmented/virtual reality platform that can be easily extended/modified to support a range of demo projects in support of ongoing Applied Research objectives at Conestoga College.

## Education

**Conestoga College (2020-2023),** Diploma of Computer Programming, Computer Engineering - First Place VAR Lab Fall Hackathon

## Miscellaneous

- Unity Game Programming (2023)
- 5th Place Ontario Regional Volleyball (2015)
- Web Design
- Open Source Development
- Soccer, Cars and Video Games!