

# Jeffrey Bringolf

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YouTube: <https://www.youtube.com/@jofflobster>

Portfolio: <https://jeffbrin.github.io/>

## Summary

A professional software developer and student who is passionate about developing tools which improve people's lives. Working at General Electric, I have thrived in a professional environment in which I am given an abundance of opportunity to learn. I am seeking a position that will grant me the opportunity to develop complex systems or applications all while providing me a different perspective from the environment I find myself in now.

## Skills

- Object-Oriented Programming (C# .NET, Java)
- Web Development (HTML, CSS, JavaScript, React, Next.js, ASP.NET, Express.js, Node.js)
- Databases (Database Schema Design, SQL, MySQL, SQLite, MongoDB)
- Data Structures
- Python (NumPy, Pandas, http)
- Version Control (Git, GitHub, HG, TortoiseHG)
- Communication, Punctuality, Passion, Collaboration, Problem Solving, Leadership

## Experience

**Software Developer / Database Administrator I (General Electric)** – (June 2021 – Present)

- Developed Python scripts which forecast the construction of renewable generators up to 2050 based on state-level renewable energy targets.
- Optimized the memory usage and speed of the in-house Snappy module for data pulls by 86% and 42% respectively.
- Added authentication to the Snappy server using LDAP.
- Created many Python scripts to automate reports for Application Engineers.

**Programming Student-Teacher (CEGEP – John Abbott College)** – (September 2022 - November 2022)

- Taught basic programming concepts to CEGEP students in a non-accredited after school course.

## Education

**Concordia University, Montreal, QC** - Bachelor's Degree in Computer Science (2023 – 2026)

- NDT Technologies Inc. Scholarship for Engineering and Computer Science
- Gina Cody School Entrance Award

**CEGEP - John Abbott College, Montreal, QC** – DEC in Computer Science Technology (2020 – 2023)

- Grade: 98% CS avg. 36 R Score
- Academic Excellence Award for the highest overall average in the Computer Science program.

## Projects

Pokémon Tower Defense (<https://jeffbrin.github.io/PokemonTowerDefensePlay/>)

SHFT – IoT Farming Container Application (<https://github.com/jeffbrin/SHFT>)

Portfolio / Personal Website (<https://JeffBrin.github.io>)

YouTube (<https://www.youtube.com/@jofflobster>)

## Languages

- English (Native)
- French (Fluent)
- German (Basic)