

# Steven Peters

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## Profile

- 5 years of experience developing software in **Python**, **C#** and **C\C++**
- Experience developing graphical user interfaces using **Qt** framework
- Knowledge of HVAC standards and communication protocols such as **Modbus** and **BACnet**
- Demonstrated exceptional leadership abilities by mentoring junior developers and managing interns
- Bilingual FR/EN.

## Education

**Bachelor of Engineering, Electrical** 2018  
*Concordia University, Montréal, QC*

**College Diploma in Pure and Applied Science** 2012  
*Vanier College, Montréal, QC*

## Technical Skills

**Programming Languages:** Python, C#, C++, Java

**Tools:** PyCharm, Visual Studio, VS Code, Eclipse, Android Studio, MATLAB, Git, CI/CD

**Operating Systems:** Windows, Linux

## Career Related Experience

**Internal Software Developer** 2019 - Present  
*Neptronic, Montréal QC*

- Developed software in **Python** that were compatible with **Modbus** and **BACnet** protocols for the company's R&D and testing departments
- Designed GUIs using **Qt** Framework and **MVC** architecture
- Developed key features for Yabe, an open-source BACnet explorer written in **C#**, enabling large-scale updates for company products
- Worked on a **Node.js** module written in **C\C++** that provides BACnet/IP communication
- Documented software systems using Sphinx & Markdown, and wrote user manuals
- Assisted in conducting technical interviews and assessed candidates' technical skills
- Trained employees & interns on the best practices in internal software development
- Provided support to various departments and requested feedback for UX improvements

## Projects

**Yet Another BACnet Explorer plugins** (<https://github.com/skp17/YabePlugins>) 2023

- Developed extensions to upload/download files across multiple devices simultaneously

**Banking System** (<https://github.com/skp17/BankingSystem>) 2019

- Developed a banking system written in **C++** that uses **Boost** libraries for data storage
- Used **Doxygen** to produce documentation and UML diagrams