

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
- Proficient in HVAC standards and communication protocols such as **Modbus** and **BACnet**
- Possess leadership abilities through mentoring junior developers and managing interns
- Bilingual FR/EN.

Education

Bachelor of Engineering, Electrical 2018
Concordia University, 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 **Python** software compatible with **Modbus** and **BACnet** protocols for R&D and testing departments, enhancing data communication and system integration.
- Designed GUIs using the **Qt Framework** and **MVC** architecture, improving user experience and interface efficiency.
- Enhanced Yabe, an open-source BACnet explorer written in **C#**, enabling large-scale updates for company products, thereby increasing functionality and performance.
- Created a **Node.js** module written in **C/C++** for BACnet/IP communication, facilitating seamless network interactions.
- Documented software systems using **Sphinx** and **Markdown**, and authored comprehensive user manuals, ensuring clear and accessible documentation.
- Conducted technical interviews and assessed candidates' technical skills, contributing to the recruitment of qualified team members.
- Trained employees and interns on best practices in internal software development, fostering a culture of continuous learning and improvement.
- Provided support to various departments and gathered feedback for UX improvements, enhancing overall user satisfaction and product usability.

Projects

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

- Developed extensions in **C#** that transfers files across multiple devices simultaneously

COM Port list viewer (<https://github.com/skp17/pyCOM>) 2019

- Developed an application using **PyQt5** that lists all serial COM ports on a machine