

Job Posting:168649 - Position: S25 SDK Developer, Intern - Python 168649

Co-op Work Term Posted:	2025 - Summer
App Deadline	04/18/2025 09:00 AM
Application Method:	Through Employer Website
Posting Goes Live:	04/15/2025 10:07 AM
Job Posting Status:	Approved

ORGANIZATION INFORMATION

Organization	1QBit
Address Line 1	1221 Lynn Valley Road
Address Line 2	PO Box 16012
City	North Vancouver
Postal Code / Zip Code	V7J 1A1
Province / State	BC
Country	Canada

JOB POSTING INFORMATION

Placement Term	2025 - Summer
 Job Title 	S25 SDK Developer, Intern - Python 168649
Position Type	Co-op Position
Job Location	Remote
Country	Canada
Duration	4 months
Work Mode	Fully Remote
Salary Currency	CAD
Salary	0.0 per hour for 0 Major List
Salary Range \$	\$45,000 per year
Job Description	

We're looking for an SDK Developer Intern to join our Product team and contribute to the development of 1QBit's Topological Quantum Architecture Design (TopQAD™) software suite. To learn more about the functionality of TopQAD, you're welcome to browse the TopQAD product documentation (<https://topqad.1qbit.com>). This role focuses on improving and maintaining the TopQAD SDK for Python, which wraps TopQAD's functionality in a developer-friendly, object-oriented Python interface. You'll collaborate closely with your team of eight, including two other developers working directly on the SDK. This is a hands-on opportunity to contribute to production-level code, help shape the developer experience, and learn from experienced engineers in a supportive and high-impact environment.

****What You'll Do****

- Develop and maintain the TopQAD SDK for Python that connects Python users to TopQAD's cloud services.
- Write clear, user-friendly documentation to support SDK adoption and ease of use.
- Help ensure the SDK offers an intuitive, well-designed interface for developers.
- Participate in peer code reviews and contribute to maintaining clean, reliable code.

Job Requirements

****What You'll Bring****

- Strong programming skills in Python.

- A basic understanding of object-oriented programming.
- Familiarity with Git and platforms like GitHub for version control and collaboration.
- Experience building or interacting with RESTful APIs.

****Bonus Points (Nice-to-Haves)****

- Exposure to Docker or other containerization tools.
- Familiarity with cloud platforms like AWS or Azure.
- Experience writing and working with Jupyter Notebooks, especially for demos, documentation, or tutorials.
- Experience with programming in Rust
- Experience with programming in Julia

Citizenship Requirement N/A

APPLICATION INFORMATION

Application Procedure Through Employer Website

Cover Letter Required? Preferred

Address Cover Letter to Ms. Katie Olfert

Special Application Instructions

Please click the "I intend to apply to this position" button on SCOPE and also submit your application via the employer's website.

Application Link: <https://1qbit.com/careers/current-openings/job-description-sdk-intern/>

Applications are accepted on a rolling basis and the posting may be expired at any time by the employer as submissions are received.

Students should submit their applications as soon as they are ready.