

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

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

### ORGANIZATION INFORMATION

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

### JOB POSTING INFORMATION

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

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.