**IBM Quantum Experience Guide**

Please note that Qubit by Qubit staff are not experts in IBM’s tools and cannot troubleshoot many of the issues. If you experience issues setting up your account, **please first try to utilize the resources on IBM’s website to resolve the problem on your own.** If you still are experiencing challenges, please email us at student@qubitbyqubit.org and we will do our best to assist you.

**Table of Contents**

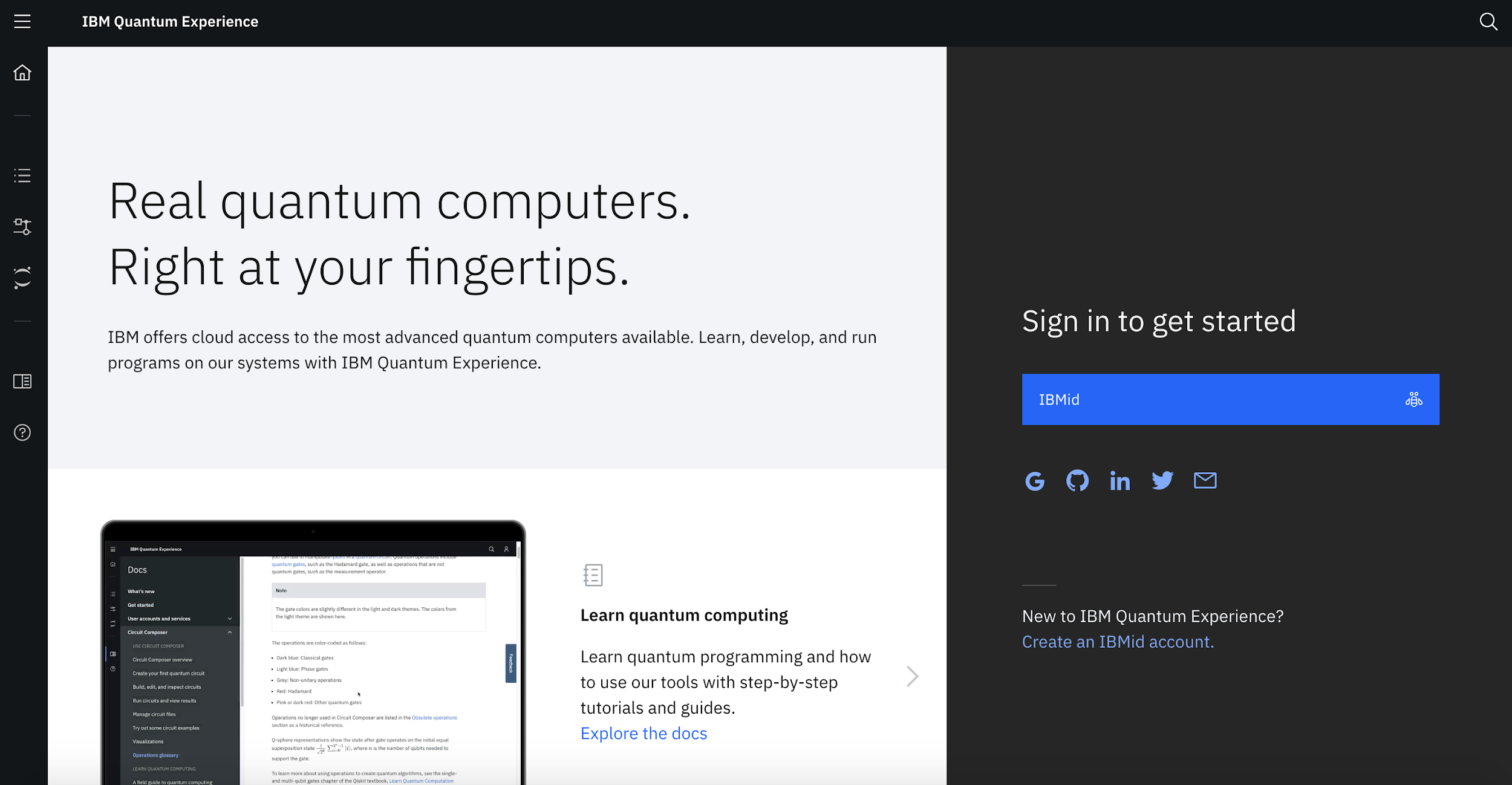
[Creating an account on IBM Quantum Experience](#_fjsetcimtayv)

[IBM Quantum Experience -- Frequently asked questions (FAQs)](#_pog4lu8pqos9)

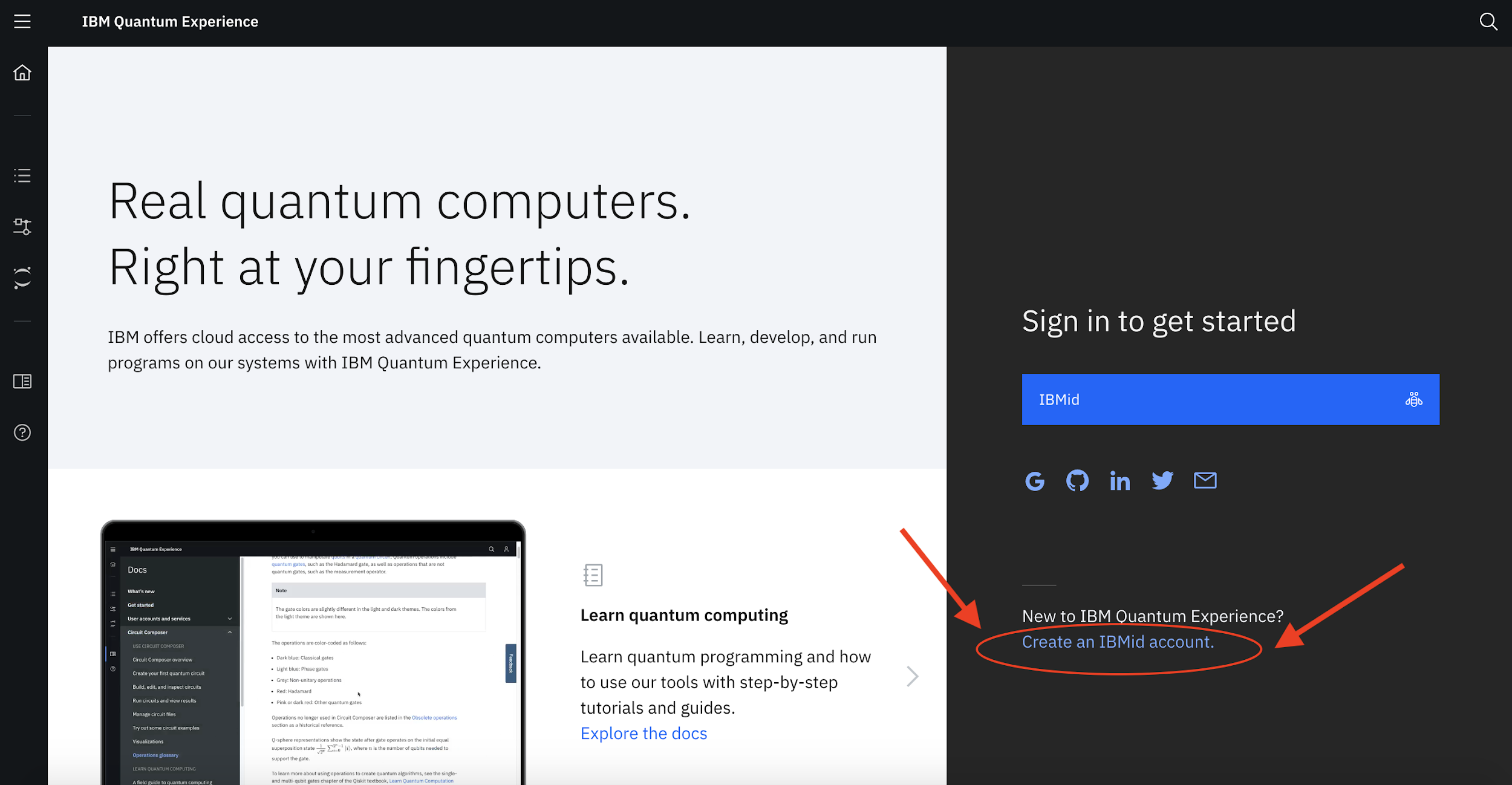
[Uploading Jupyter Notebooks](#_d8rvoyrx5qh6)

# Creating an account on IBM Quantum Experience

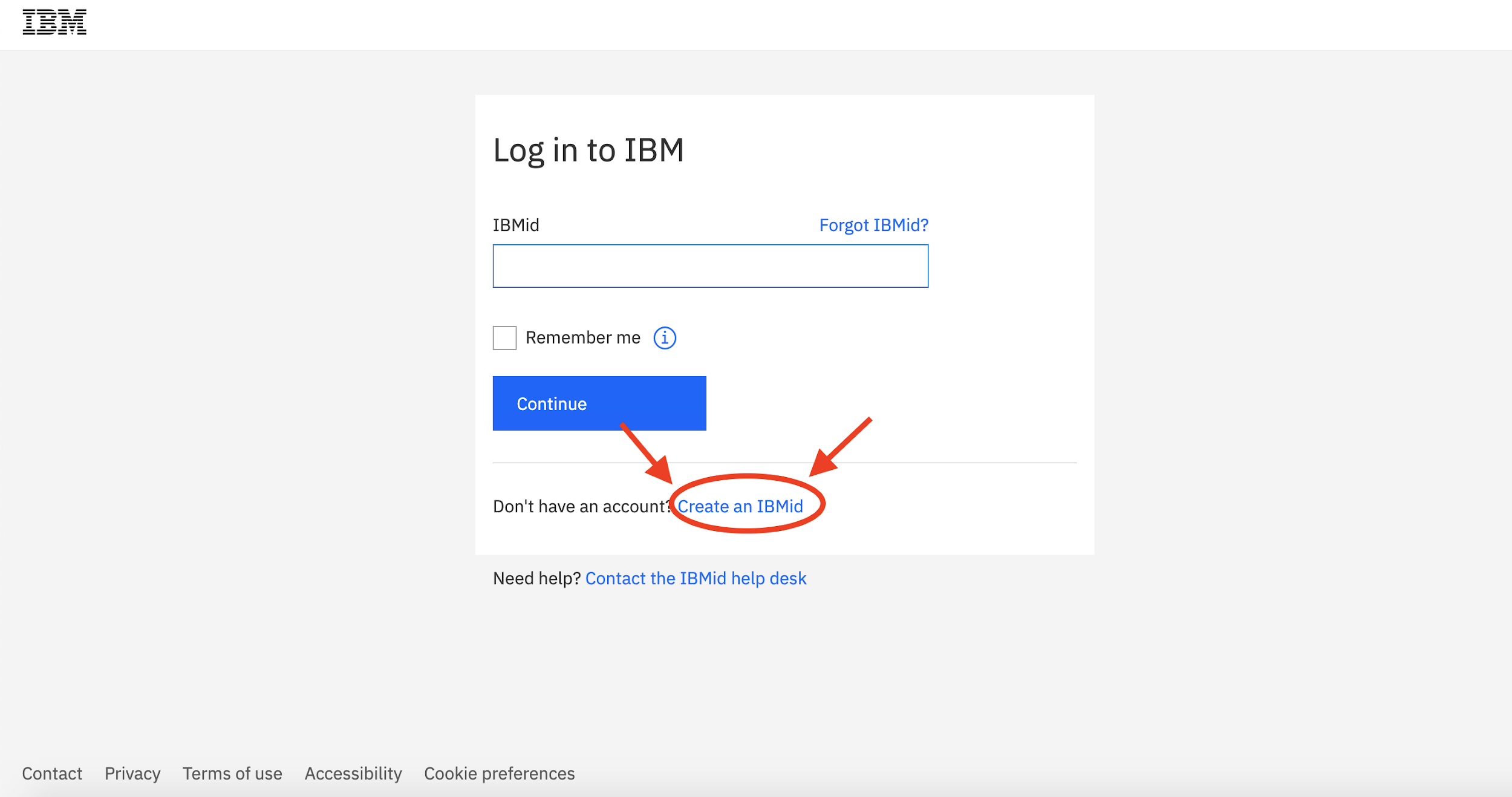
1. Go to **IBM’s Quantum Experience website**: <https://quantum-computing.ibm.com/>



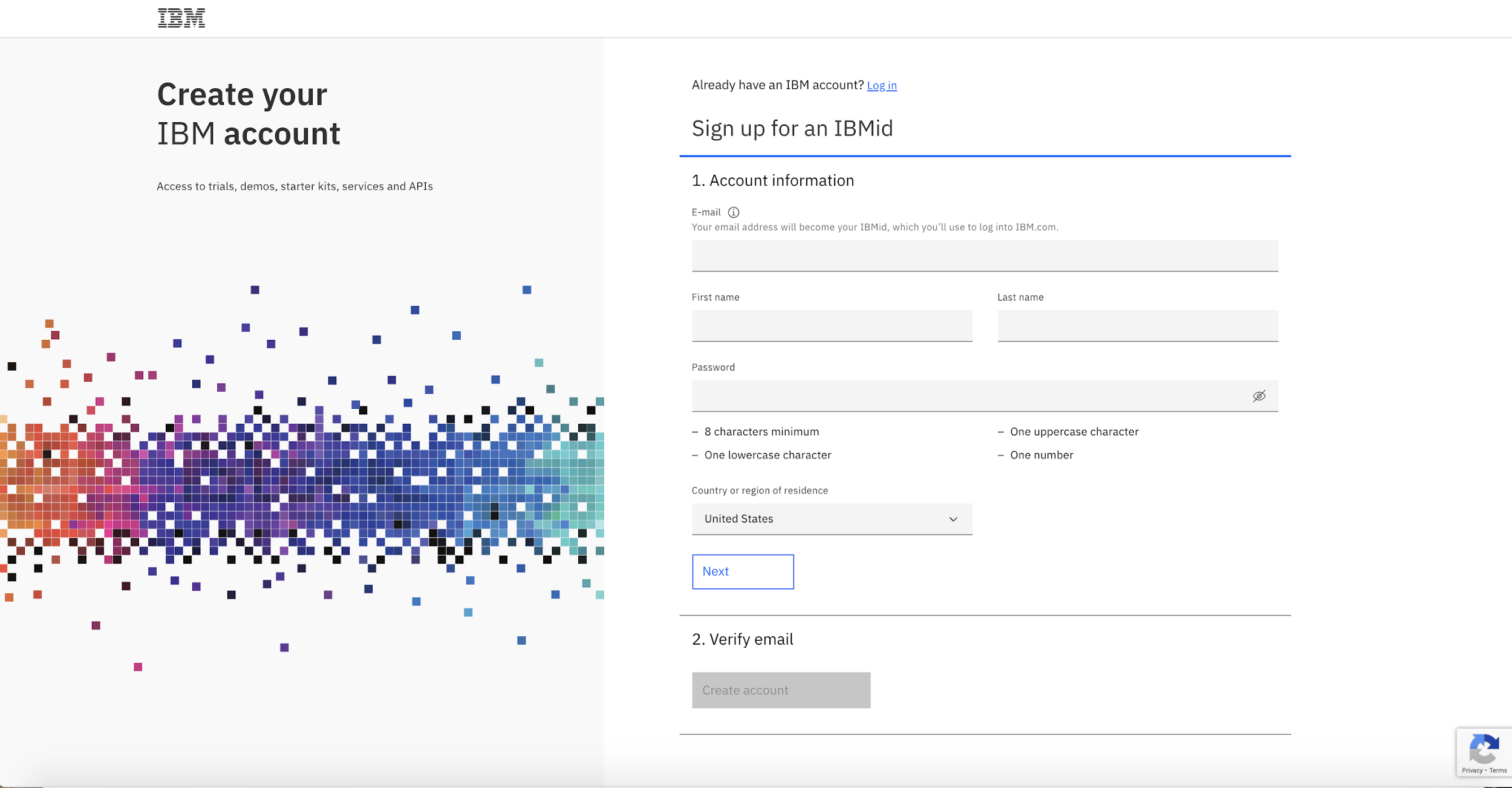
1. Click **Create an IBMid account** on the right side of the screen



1. Now click **Create an IBMid**



1. Enter your relevant information in the boxes. You are agreeing to IBM’s relevant policies, like the [IBM Terms of Use](https://www.ibm.com/legal) and IBM Quantum End User Agreement.



1. Your login information will be:
   1. IBMid: *email address you used*
   2. Password: *password you created*

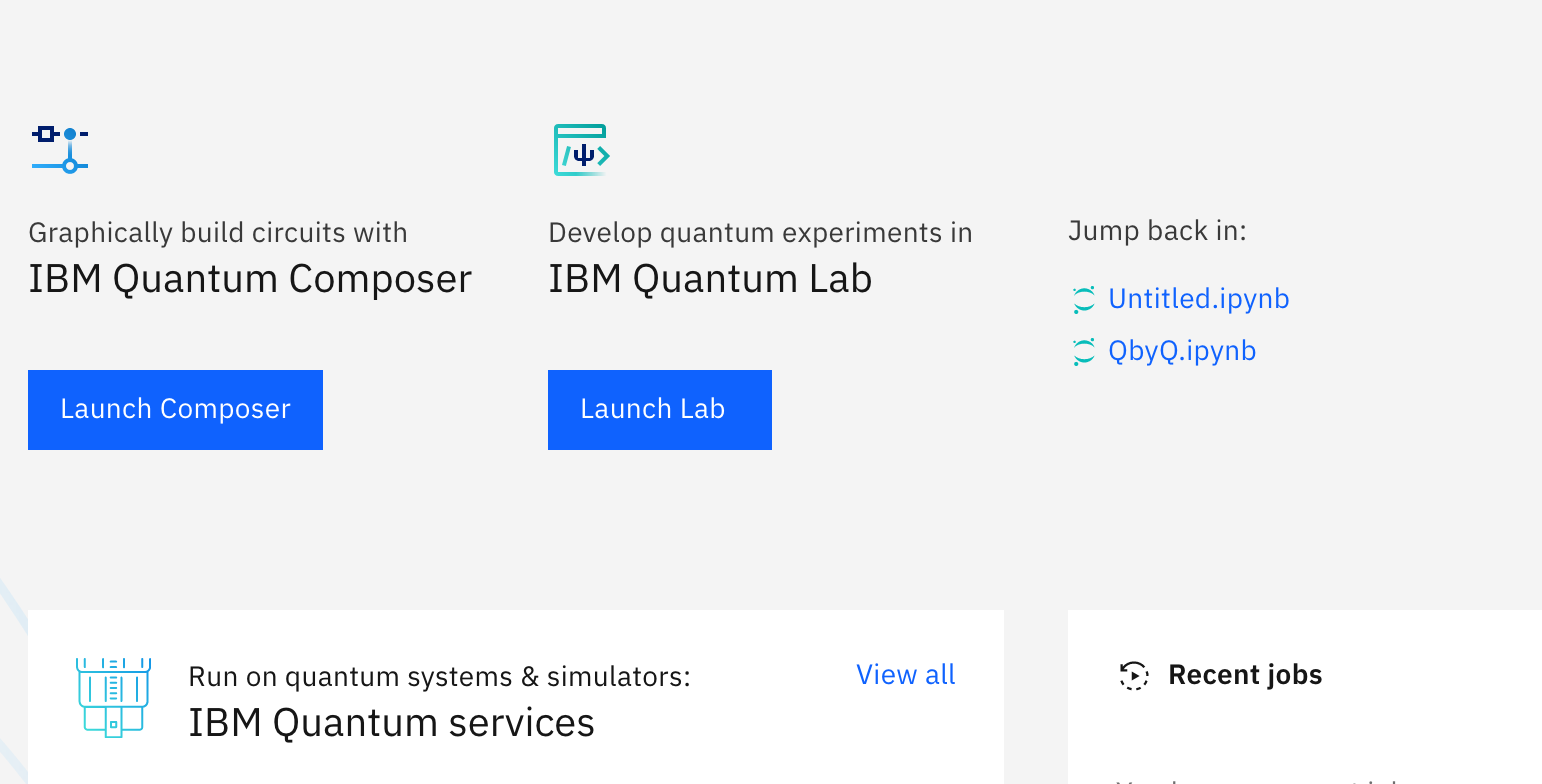
### IBM Quantum Experience -- Frequently asked questions (FAQs)

1. **Can I use a mobile device to access the IBM Quantum Experience?** 
   * The IBM Quantum Experience does not currently have a robust mobile interface. We recommend students access the website from their computers if possible. However, we know many of our students do not have a computer and are taking this class from their cell phone. You can still play around with some of the features of IBM Quantum Experience from your phone to become familiar with IBM resources. To assist our students with technology barriers, Qubit by Qubit academic staff will film a recording of themselves completing the homework assignment when necessary so students can still submit answers on Canvas.
2. **What should we put in the required “institution” field?** 
   * You can put Qubit by Qubit or the name of your high school, college, or place of employment. This information can always be updated later in the “Profile” section.

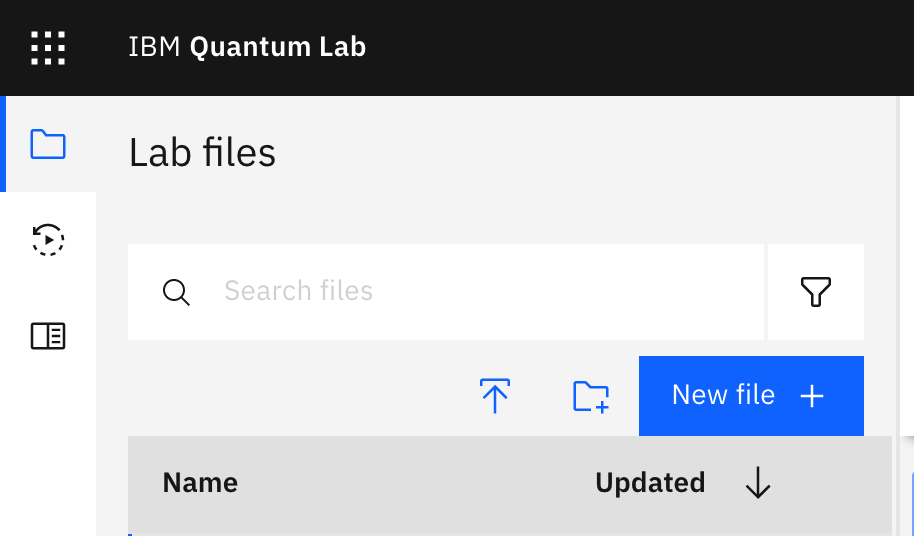
# Uploading Jupyter Notebooks

For a video walkthrough, visit: <https://youtu.be/i0tovg2HQz8>

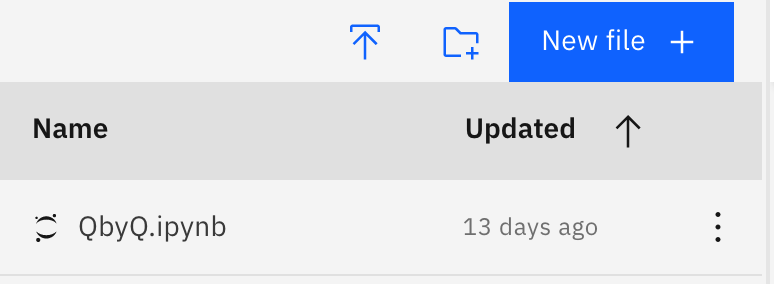
1. **Download the required Jupyter notebook file from Canvas each week. You may use t**[**his one**](https://drive.google.com/file/d/1Bsvs6xQxXyND9CdygLREuIoLiFjejK3Y/view?usp=sharing) **as an example.**
2. To upload the notebook to IBM Quantum Experience, first **log into your account** at <https://quantum-computing.ibm.com/>. Once you’re logged in, **select “Launch Lab”** (underneath “IBM Quantum Lab”).



1. Upload the notebook by **clicking on the “Import” option**.





1. When it has been successfully uploaded, **it will appear in your list of files**.
2. **To open the notebook, click on the file name.** Now you’re ready to code using Qiskit!