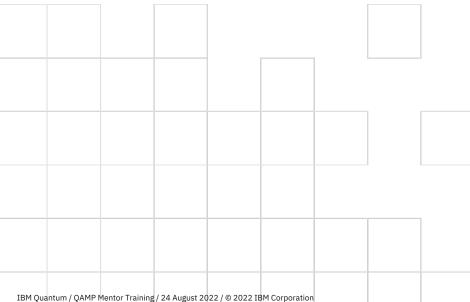
Qiskit Advocate Mentorship Program (QAMP)



Qiskit Advocate Squad





Agenda



QAMP Overview

- QAMP Summary
- QAMP Github & Slack
- Highlights

- QAMP Fall 22

- Timeline
- Program Features
- Mentee Selection Process
- Mentor Checklist

- Q&A



What is QAMP?



Qiskit Advocate Mentorship Program (QAMP) is a program focused on bringing new contributors into Qiskit open-source software development where Qiskit Advocates work on a 3-month projects under the guidance of mentors.

QAMP Summary

Outstanding outcomes

Qiskit

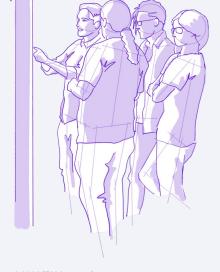
Three Cohorts

Contributions

$$100 + PRs$$

Fantastic feedback

- Participants rated the experience over 4.6/5 for every cohort.
- 100% of responding mentors agreed or strongly agreed that the program was a worthwhile use of their time
- 95% of responding mentees agreed or strongly agreed that the program improved their quantum skills
- 84% of respondents reported that they continued working with their mentor/mentee even after the cohort ended



Github & Slack





Github Repos

QAMP Fall 2022: https://github.com/qiskit-advocate/qamp-fall-22

QAMP General: https://github.com/qiskit-advocate/qamp-general



Qiskit Slack Workspace

Channels

#qamp-fall-22-mentors

Admins

- @Junye
- @Gemma
- @advocate-squad







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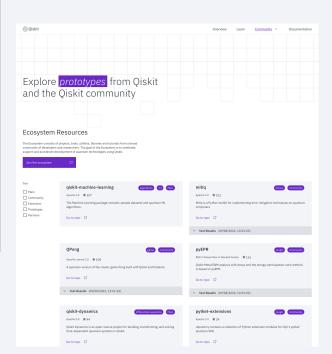
Project highlights





Rustworkx (prev. retworkx) Mentor: Matthew Treinish Mentee: Ivan Carvalho, Georgios

Tsimigkonakis, Nahum Sá



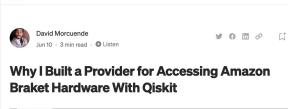
Qiskit Ecosystem

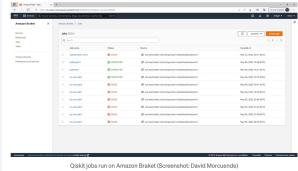
Mentor: Iskandar Sitdikov Mentee: Michaël Rollin, Balaji Seetharaman

Qiskit-braket-provider

Mentor: Iskandar Sitdikov Mentee: David Morcuende

Published in Qiskit



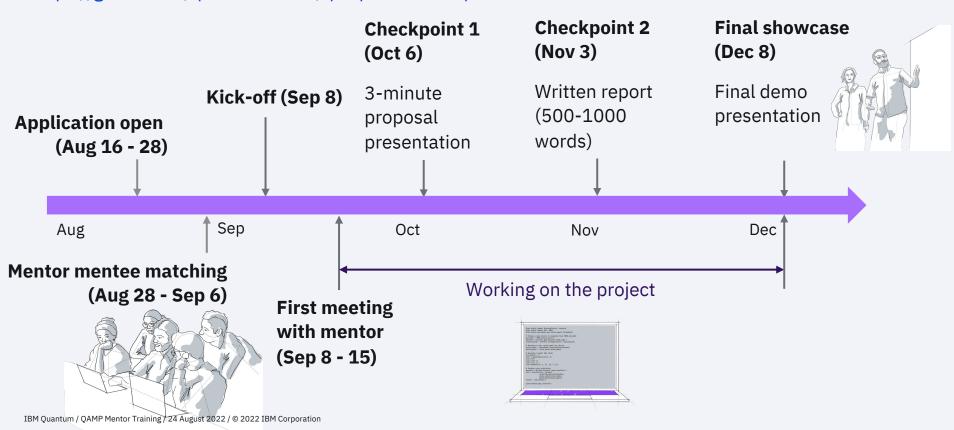


IBM Quantum / QAMP Mentor Training / 24 August 2022 / © 2022 IBM Corporation

QAMP timeline



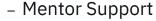
https://github.com/qiskit-advocate/qamp-fall-22#important-dates



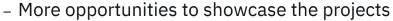
Program Features



Trial period (from Kick-off to Checkpoint 1)



- Training session
- Mentor checklist



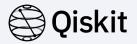
- DemoDay presentation
- Qiskit Medium publications
- Unitary Fund microgrant application assistance



- GitHub PR
- Technical writing



Mentees selection process



- See the list of applicants in this airtable view (password: qiskitadvocate)
- The list is grouped by 1st choice by default, you can also group it by 2nd choice to applicants that choose your projects as 2nd choice.
- Read the "Motivation", "Background", "Programming level" fields to get to know the applicants
- Contact applicants that you are interested in via Slack or email. Get to know them better by asking questions. Try your best to check the applicants:
 - · understand the project idea
 - are interested in working on the project
 - have the skills level that matches your expectation
 - able to devote enough time to work on the project in the next 3 months



Mentor checklist

A handy checklist to cover the basics of your new mentorship when you meet with mentees for the first time.

https://github.com/qiskit-advocate/qampgeneral/blob/main/Mentor%20Resources/Mentor% 20Checklist.pdf



Mentor Checklist: Use this quick checklist to cover the basics of your new mentorship.

Introduce yourself! Tell your mentee about your background and career
Get to know your mentee.
☐ Mentee introduces themselves and their background experience
☐ What does the mentee want to get out of the mentorship?
Does the mentee have any concerns or worries about the mentorship?
Schedule regular meetings. How often are you meeting?
Discuss upcoming vacations or other obligations or commitments (work, study, family).
Discuss how you plan to communicate asynchronously outside of your meetings. I there a preferred platform, such as slack, that is a reliable means of communication?
Agree on number of hours to spend on this project per week
Discuss the scope of the project
Discuss the timeline and be aware of all major milestones, including the two checkpoints. See the important dates

Common questions

Common questions and answers are also listed in the mentor checklist

https://github.com/qiskit-advocate/qampgeneral/blob/main/Mentor%20Resources/Mentor% 20Checklist.pdf



Common Questions

How do I choose a mentee?

- 1. You are always welcome to set up a Slack or Webex chat with a potential mentee to explore whether it's a good fit before you pick a mentee.
- Consider your respective time zones and if it will prevent a good working relationship or cause problems communicating on the project.
- Make sure mentees have the background and skills required for your project, but also keep in mind that the mentorship is meant to help mentees grow their skills and learn from you.

What do I do if things aren't going as expected?

- 1. Schedule a meeting with your mentee to discuss
- 2. Ask the @advocate-squad for help
- 3. The trial period ends at Checkpoint 1. If the issues have not been resolved, you may dissolve the mentorship relationship.

What are some possible causes for termination the mentorship?

- 1. Mentee not showing up for scheduled meetings
- Not following through on the commitment the mentee agreed to at the beginning.
- Unexpected circumstances prevent either party from meeting their commitments.

Should the mentorship include career advice?

1. Yes! If your mentee is interested in career advice, this is a great topic to discuss.

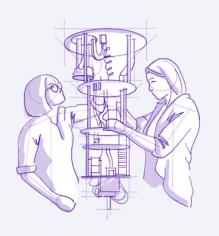
A&Q





QAMP Fall 2022: https://github.com/qiskit-advocate/qamp-fall-22

QAMP General: https://github.com/qiskit-advocate/qamp-general





Channels

#qamp-fall-22
#qamp-fall-22-mentors

Admins

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Mentee Selection

Airtable View

https://airtable.com/shrq1zJQdtg8pZuGx

Password: qiskitadvocate

