

FOR STUDENTS & PROFESSORS: Learn to Build Quantum Applications



A Practical Approach to Quantum Computing

D-Wave's philosophy is to build products and services that accelerate developers' time-to-value and help enterprises solve complex business problems that deliver business value today. If you're new to quantum application development, we're here to help you jumpstart your quantum learning journey.

The future comes with a manual. Take advantage of free resources to get you started and help build your quantum programming knowledge:

- [Resource Library](#): Explore our extensive resource library, filled with tutorials, guides, and materials to deepen your understanding of quantum concepts and applications.
- [Upcoming Events & On-Demand Webinars](#): Access a library of on-demand webinars covering fundamental and advanced topics in quantum computing. Learn at your own pace and convenience and stay updated on the latest industry trends by participating in upcoming events.
- [Featured Applications](#): Learn how developers are building quantum applications for a broad spectrum of industries and use cases such as logistics, financial services, drug discovery, materials sciences, scheduling, fault detection, mobility, and supply-chain management.
- Understand the [Workflow for Developing Quantum Applications](#) from start to finish. Gain insight into the process used by D-Wave and other companies to develop successful quantum applications.

Free, real-time access to the Leap™ quantum cloud service:

Sign up for the [Leap](#) service, our quantum cloud service providing access to the most powerful quantum computers available anywhere in the world. Leverage hybrid solvers to learn, build, and deploy quantum applications in real time. We are committed to supporting education and offer potential funding opportunities or flexible pricing structures for educational leaders interested in using the Leap service. For more details, [explore our Leap plans](#) or contact sales@dwavesys.com.

Fast track your quantum journey with hands-on training:

With the [Quantum Programming Core Training Class](#), you can accelerate quantum application development and ramp up quickly with expert training and mentorship. You'll also connect with the Leap community and D-Wave experts to gain new ideas and skills while differentiating yourself in the marketplace. This one-week, online class enables you to quickly put theory into practice to develop real-world quantum



applications. [Upgrade to Quick Start Leap Access](#) for an entire month of real-time access to our Advantage™ quantum computers and hybrid solvers.

Begin your end-to-end quantum journey with the support of our software development kit, demos, interactive Jupyter notebooks, and a vibrant developer community.

Need to brush up on your programming or math skills before tackling quantum programming? Check out our [Foundations course](#).

Other useful links:

- [Build Quantum Applications in the Cloud with Leap](#)
- [D-Wave's Approach](#)
- [Customer Success Stories](#)
- [Developer Training](#)