Pulse Programming for Quantum Computing

We can build computers out of quantum systems!
For example...

Four barium ions are trapped in a physics lab.
Lasers shine on the ions to change or read out their state.

FPGAs can produce fast and precise pulses...
...when they are programmed with custom machines and instruction sets.

Fast and precise pulses control lasers and other equipment.

But we need your help to add new features!

Paul Pham <ppham@cs.washington.edu>
http://pulse-programmer.org

Paid summer research jobs for undergrads