



4 Courses

**Introduction to Concurrent  
Programming with GPUs**

**Introduction to Parallel  
Programming with CUDA**

**CUDA at Scale for the  
Enterprise**

**CUDA Advanced Libraries**



Nov 17, 2024

**Mohammad Talaat**

has successfully completed the online, non-credit Specialization

## GPU Programming

This specialization is intended for data scientists and software developers to create software that uses commonly available hardware. Students will be introduced to CUDA and libraries that allow for performing numerous computations in parallel and rapidly. Applications for these skills are machine learning, image/audio signal processing, and data processing.

Chancellor T. Pascale,  
M.S.E.

The online specialization named in this certificate may draw on material from courses taught on-campus, but the included courses are not equivalent to on-campus courses. Participation in this online specialization does not constitute enrollment at this university. This certificate does not confer a University grade, course credit or degree, and it does not verify the identity of the learner.

Verify this certificate at:

<https://coursera.org/verify/specialization/UC4XDVP0LO8G>