

Leibniz Supercomputing Centre, Boltzmannstr. 1, 85748 Garching b. München, Germany

Sajjad Azizi

Garching near Munich, 27 November 2024

## Certificate of Attendance

Sajjad Azizi has attended the following online course on 27 November 2024, 10:00 – 15:00 CET:

## **Debugging with TotalView**

TotalView from Perforce Software is a parallel debugger for complex C, C++, Fortran, and CUDA applications.

Topics covered include:

- TotalView Features
- TotalView's New UI
- · Remote Debugging
- UI Navigation and Process Control
- Advanced C++ and Data Debugging
- Mixed language C/C++ and Python Debugging
- ReplayEngine
- Reverse Connect Feature
- MPI, OpenMP and Memory Debugging
- Data Transformations
- Command Line Interface (CLI)
- Batch Debugging with TVScript

The course consisted of a combination of lectures and demos (net total of 4 hours) and was held by Dean Stewart (Perforce Software, Inc.).

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