

Sergey Ivanov

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Education

Taras Shevchenko National University of Kyiv

Master of Science in High-Performance Computing

Sep 2018 – Jun 2020 | Kyiv, Ukraine

GPA: 4.5/5.0

Activities: HPC Lab Assistant, Parallel Computing Club Lead, Research Assistant

Relevant Coursework: MPI, OpenMP, GPU Computing, Performance Tuning, Cluster Management

Summer School: Argonne National Lab 2019 (GPA: Pass with Distinction)

Work Experience

HPC Engineer | EPAM Systems | Jul 2020 - Present | Kyiv, Ukraine

- Managed Slurm clusters with 1,000+ nodes for scientific workloads.
- Optimized MPI applications, achieving 20% speedup.
- Automated provisioning with Ansible and Terraform.

Skills

Frameworks: MPI, OpenMP, CUDA

Tools: Slurm, Ansible, Terraform

Languages: C, C++, Python

Other Skills: Performance Profiling, Cluster Administration, Parallel Algorithms

Certificates

Udacity: High Performance Computing Nanodegree

Coursera: Parallel, Concurrent, and Distributed Programming

NVIDIA CUDA Academy

Awards

EPAM Innovator Award 2022

Taras Shevchenko Scholarship

First Place – Ukraine HPC Challenge 2019