



**ALAR**  
Training Center



ONLINE SUMMER SCHOOL

# COMPUTER SCIENCE

July 5-18, 2021

**DO YOU WANT TO DEEPEN KNOWLEDGE IN  
SOFTWARE ENGINEERING AND COMPUTER  
HARDWARE? ENROLL NOW TO THIS SUMMER  
COURSE!**

**ECTS credits: 3.0**



**Ural Federal  
University**



Ural Federal  
University



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## BRIEF DESCRIPTION

The Program is designed for students who wish to deepen knowledge in software engineering and computer hardware. System programming aims to produce software which provides services to computer hardware, hence the need for proficiency in both software and hardware. Classes will include lectures where new theoretical material will be presented, labs and computer workshops for practical trainings, and seminars where students will present the results of their project. Ural Federal University has the modern IT infrastructure. The networking laboratory equipped with the high performance computing cluster. The program also gives a wonderful opportunity to see "inside" how these aspects of work organized in real organizations thanks to the practical-oriented part, visiting different enterprises.

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### **Cost:**

US\$200

### **Includes:**

Trainings and lectures, handouts, consulting, software programs (if needed), culture activities, certificate and reference letter.

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**Program dates:** July 5-18, 2021

**Registration deadline:** June 3, 2021

**Entrance requirements:**

- Good command of English (B1+)
- Basic knowledge of Python
- Basic knowledge of statistics and theory of probability

**Professors and lecturers:**

Andrey V. Sozykin:

Candidate (PhD) in Technical Sciences,  
Certified teacher at the NVIDIA Deep  
Learning Institute.

Irina Iumanova:

Engineer, Junior Research Assistant,  
Graduated from the Department of Applied  
Mathematics, Izhevsk State Technical  
University.

Natalia M. Neustroyeva:

Assistant, Masters in Mathematics and  
Computer Sciences.

**Program partners:**

- Yandex
- SKB LAB
- Chelpipe Group

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