Andrey Voyko

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EDUCATION

- **NRU Higher School of Economics** — Moscow, Russia
  Bachelor in Applied Mathematics and Computer Science — *Sept. 2022 - Present*

EXPERIENCE

- **NRU Higher School of Economics** — Moscow, Russia
  Teaching Assistant, "Number Theory" course — *Jan. 2024 - Present*
  `Number Theory`
  - Reviewing homework and holding consultations.

PROJECTS

- **Interpreter for LISP-like programming language Scheme** — Moscow, Russia
  `C++` `STL` — *2023*

  Implemented an interpreter for LISP-like programming language Scheme with error handling. My main focus was on the project structure and clarity of code that uses the capabilities of modern C++.

- **Smart Pointers** — Moscow, Russia
  `C++` `STL` — *2023*

  Implementation of the most popular smart pointers: unique-ptr, shared-ptr, weak-ptr, enable-shared-from-this, intrusive-ptr.

- **Image Processor for BMP images** — Moscow, Russia
  `C++` `STL` — *2023*

  Created some complex filters and used different programming patterns to make the code clean and efficient.

PROGRAMMING SKILLS

- **Languages**: C++, Python, GNU Assembler, Bash
- **Technologies and Instruments**: Git, Visual Studio, CLion, Pycharm, LaTeX
- **Knowledge**: Algorithms, Data Structures, Computer Architecture, Operating Systems, Development Patterns