

# Martynychева Ksenia

📍 Dolgoprudny    ✉ martynycheva.km@phystech.edu    ☎ +7 963 478 69 07    🌐 unnnkks

## Education

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**Moscow Institute of Physics and Technology (MIPT),**

September, 2023 - Present

Bachelor of Applied Mathematics and Physics; GPA: 7.2

**iLab**, Course by Ilya Dedinsky

September, 2023 - May, 2024

**Uses and Applications of C++**, Course by Konstantin Vladimirov

September, 2024 - Present

**Computer system architecture**, Course by Sber

February, 2025 - Present

## Projects

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### C++

- LIRS cache: Implementation and comparison of the efficiencies of two caching algorithms: LIRS and Belady.

### C

- Assembler: Implementation of an assembler
- Tree: The program builds and reads a binary tree
- Stack: Implementation of stack with dump, verification and stack canaries

### C Sharp

- [Mobile moneybox](#): app based on a clicker for children

## Technologies

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**Languages:** C++, C, Python

**Tools:** git, CMake, Google Tests

**Other skills:** LaTeX, Markdown