Evgeny Shulgin

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Education

Moscow State University, Bachelor's degree   **September 2017 - July 2021**

  Faculty of Computational Mathematics and Cybernetics.
  Department of Supercomputers and Quantum Informatics.

Experience

Yandex - Middle Software Engineer, **C++, Python**   **December 2019 - Present**

*Working at **Alice** (smart voice assistant) department.*

- Developed natural language understanding models for several Alice scenarios.
- Reduced the releases acceptance time twice by writing a framework for manual testing cases automation.
- Significantly sped up important parts of Alice by rewriting Python code to C++, including the part with real-time user voice processing.
- Participated in duties regularly, doing DevOps types of work.
- Reduced C++ compilation time by 20% by **patching protobuf** compiler.

Tinkoff Bank - Junior Software Engineer, **Java**   **June 2019 - December 2019**
Tinkoff Bank - Software Engineering Intern, **Java**   **February 2019 - May 2019**

- Saved several hundred man-hours of time per day by creating an auto-planning algorithm to distribute 30,000 daily meetings to 3,500 agents.
- Helped to release bank encashment service by changing the auto-planning algorithm and presenting it as a microservice.

Yandex - Software Engineering Intern, **C++, Python**   **February 2018 - June 2018**

*Worked at **Yandex.Telephony** (virtual telephone exchange system) department.*

- Reduced service failures response time by implementing errors monitoring system with mass SMS and email sending to the team members.
- Increased code coverage in a new module by writing autotests.

Open Source Activity

Clang/LLVM - Open Source Developer, **C++**   **2022 - present**

  Fixing bugs, adding checkers, improving code performance. **The list of commits**.

Go**o**g**l**e **Summer of Code 2017** - Mentor, **C**   **May 2017 - August 2017**

  Successfully mentored a project for **CCExtractor Development** to create a new portable GUI for the command-line program. **Its GSoC page**.

CCExtractor Development - Open Source Developer, **C**   **2016 - 2017**

  Significantly improved a tool for everything related to subtitles (fixing bugs, writing decoders and encoders). **The list of commits**.

Other activity

- **Habr** (Russian) - **Writing posts** about algorithms and C++. One article have been mentioned on **@isocpp twitter**.

Awards and Achievements

- **Google Code Jam 2019** - ranked **171st** at Round 3 out of **35509** initial participants (**top 0.5%**).
- **Google Hash Code 2018** - ranked **82nd** out of **4852** (**top 1.7%**).
- **Russian Olympiads in Informatics 2017** - *Prize Winner*, ranked **56th** nationwide.
- **Google Code-In 2016** - was selected as one of **34** *Grand Prize Winner*s out of **1340** students.
- **Russian Olympiads in Informatics 2016** - *Winner*, ranked **21st** nationwide.
- Occasionally contributing problems for rounds on Codeforces (the biggest competitive programming site) and local contests. **My Codeforces profile**.