Budniak Eduard

Software Engineer with significant competitive programming experience

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EDUCATION

Belarusian State University in Informatics and Radioelectronics — **Minsk, Belarus**

Bachelor's degree in Computer Science — *September 2017 — Expected 2021*

Yandex School of Data Analysis — **Moscow, Russia**

Master's level program, Machine Learning development track — *September 2019 — Expected 2021*

- Relevant courses: Probability and Statistics, Machine Learning, Computer Vision, Natural Language Processing, Deep Learning, Reinforcement Learning, Python, C++, GoLang, Algorithms and Data Structures, BigData, Parallel and Distributed Computations

WORK EXPERIENCE

Deltix (Bought by EPAM Systems at january 2020) — **Minsk, Belarus**

Software Engineer — *August 2018 – Present*

- Developed a system for integration with various top crypto-custodies for crypto-trading platform used by hundreds of thousands.
- Created a service for secure interacting with any Ethereum tokens.
- Fixed major issues of crypto-trading platform high loaded module.
- Built a tool for crypto-trading platform stress-testing.

Mogilev State Regional Institute for Education Development — **Mogilev, Belarus**

Competitive Programming Mentor — *Febrary, March 2018&2019*

- Preparing students of Mogilev region for the National Olympiad in Informatics. Many of them were awarded.

PROJECTS

- **JPEG decoder**: Baseline sequential mode of JPEG decoder, written in C++ using OOP and various algorithms such as Huffman decoding.
- **Ukrainian-Russian translator**: Written in Python with Sklearn library, using embedding space mapping with optimal transformation derived from SVD decomposition. Used public dataset with 1M word pairs.
- **LightBulbChan**: Student assistant in the form of a multifunctional telegram bot. Uses various APIs to help students prepare for classes.

AWARDS

ACM ICPC, NEERC ICPC — **Saint-Petersburg, Russia — December, 2017**

- Competition in sports programming among teams of universities of the North Eastern Europe, Western Subregion
- III degree award (2017, 81/244 place)

ACM ICPC, Belarus and Baltics Regional Contest — **Minsk, Belarus — October, 2017&2018**

- Competition in sports programming among teams of universities of the North Eastern Europe, Western Subregion
- III degree award (2019, 18/57 place)
- II degree award (2017, 8/57 place)

Individual Olympiad in Informatics and Programming — **Saint-Petersburg, Russia — March 2017**

- Programming competition among schoolchildren of Belarus, Russia and Kazakhstan
- I degree award (10/180 place)

Belarusian National Olympiad in Informatics — **Belarus — March 2015&2016&2017**

- II degree award (2017, 12/123 place)
- II degree award (2016, 12/120 place)
- III degree award (2015, 39/118 place)

Top 3% on Codeforces — **ednotdead**

Top 2% on Hackerrank — **Ed_Os**