Pavel Barsukov

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🌐 https://github.com/Ballahuginn

Education

○ **National Research University Higher School of Economics (NRU HSE)**   **Moscow**
  Bachelor, Information Science and Computation Technology,   *2013–2017*
  GPA: 7.5/10.00
  Courses: Discrete Mathematics · Computational Mathematics · Linear Algebra and Mathematical Analysis · Theory of Probability and Mathematical Statistics · Electronics and Circuit Engineering · Mathematical Logic and Theory of Algorithms · Programming (C++) · Web-Design · Computer Graphics · Databases · Networks and Telecommunications · Standard and Specialized Interfaces · Application Development Technologies · Data Protection

○ **edX**
  Additional Courses   *2016–2017*
  Principles of Machine Learning (Microsoft)

Technical and Personal skills

○ **Programming Languages:** Python, C++ (basic), C# (basic).
○ **Web-desigh Skills:** HTML, CSS, JavaScript, PHP, WordPress.
○ **Databases:** Access, MySQL, SQLite.
○ **Other:** Unity (basic), git, bash, Unix, FFmpeg, Photoshop, AutoCAD, MS Office.

Projects and Professional Experience

Professional Experience

○ ООО "МП Техно"   **Moscow**
  System Administrator   *February 2016–Present*
  Technical support. Network support. Computer configuration builder.

Projects

○ **'Telegram chatbot that aggregates news about NRU HSE from HSE VK groups and HSE website.' (ongoing)**
  I am developing a Telegram chatbot that aggregates news from HSE groups in VK social network and from NRU HSE website. This bot can send you news as they posted from the groups of your choice. It also has Evening Newsletter with 5 most popular news od the day. As a secrete feature this bot can send you an address and location of the nearest HSE building according to your geoposition. Chatbot is written using Python. Code can be found here: https://github.com/Ballahuginn/HSE$_{News_Bot}$.

○ **'Rescuer. A game about saving people from the caves.'**
  I developed a game in which you are playing as a rescuer. Your goal is to pick a person from the cave and lift him to the surface without getting hurt. Code can be found here: https://github.com/Ballahuginn/Rescuer.

- **'PHP script that send test signals to on-line broadcasts.'**
  As a part of assignment on my Video Technology class I created a PHP script that send test signals (e.g. white noise, SMPTE, color, picture, video) to on-line broadcasts. Signals are generated with FFmpeg. Code can be found here: https://goo.gl/g3jcPS.

Additional Information

Conferences

- Ежегодная межвузовская научно-техническая конференция студентов, аспирантов и молодых специалистов имени Е.В.Арменского. Moscow, 2017.
  "Development of HSE News Aggregator for Telegram Messenger"

Language Skills

- **Native:** Russian
- **Pre-Advanced:** English

Interests

Video Games · Programming · Drums · Music · Films · Bicycling · Travelling