

George Leontiev

engineer @ SoundCloud

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Education

- 2004–2008 **Bachelor**, *National Taras Shevchenko University of Kyiv*, Kyiv, Faculty of cybernetics.
department of theory and technology of programming
- 2008–2010 **Master**, *National University of "Kyiv-Mohyla Academy"*, Kyiv, Computer science faculty.
department of the automated systems software development

Experience

Vocational

- 12.2015–
present **Engineer, Activities and Stream**, *SoundCloud*, Berlin.
Working on scaling the highest-throughput systems in the company: systems that power user's stream and activities, social graph features (likes, reposts, comments), notifications.
- 02.2014–
12.2015 **Engineer, Creators**, *SoundCloud*, Berlin.
Worked on creators-focused features of the platform: services for creator stats, in-app messages, coordinating track creation, rss-feeds, transcoding flow, etc. Bootstrapped services for serving stations content and bulk content ingestion pipeline for partners
- 01.2013–
01.2014 **Quantitative Developer**, *deltamentod GmbH*, Berlin.
Working on the backend for recommendation service.
Developing a recommendation system for improving online ads/ad campaigns, predicting their success, suggesting possible improvements. Using machine learning algorithms in scala/python. Producing functional code that scales to big amounts of data.
- 02.2011–
12.2012 **Scala developer**, *The New Motion*, Kyiv, Amsterdam.
I was the second person, joining the client's remote dev team (9 people at the time of me leaving). Had a chance to work on/initiate/lead all the projects the company worked on.

Opensource contributions (summary)

lightbend and typelevel scala, *List of contributions*, Scala compiler and standard library.

Bufgixes and improvements. Worked on SIP-23, which is a proposal to add support for literal-based singleton types to the language. Also worked on adding the :kind feature to repl.

twitter util and finagle, *List of contributions*, Twitter libraries that we use at SoundCloud.

Worked on various parts of projects to improve and speed up mission-critical components of systems at SoundCloud.

scalaz, *List of contributions*, An extension to the core Scala library for functional programming.

Contributed in various areas, including fixing FingerTree implementation, providing examples of using Isomorphisms, Writer monad, ST

scalaz-contrib, Interoperability libraries and additional data structures and instances for Scalaz.

Contributing scalaz instances for 3rd-party projects

saddle, *List of contributions*, Scala data library in spirit of python's pandas and numpy.

Some contributions to enable the hdf5 support.

poi.scala, Apache poi dsl for scala.

Creator and maintainer of the project

roy-mode, Roy mode for emacs.

Creator and maintainer of the project

Others.

I regularly contribute to other opensource projects. The latest activity is on my github profile.

Interests

I run marathons.