

Svyatoslav Ilinskiy

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EDUCATION

The University of Texas at Austin

December 2017

Bachelor in Computer Science

GPA: 3.73

Business Foundations Certificate

CS GPA: 3.95

EXPERIENCE

Dropbox, mypy team (Source code available on Github)

San Francisco, CA

Software Engineering Intern

Summer 2017

- Implemented option to allow fine-grained control of Any types. Blog post: <http://r.ilinskiy.me/any>
- Improved visibility of untyped code by adding new reports and improving existing ones

JetBrains, Scala Plugin for IntelliJ (Source code available on Github)

St Petersburg, Russia

Software Engineering Intern

Summer and Fall 2015, Summer 2016

- Enhanced static analysis of unused declarations in Scala code
- Improved highlighting for Java/Scala interop
- Improved memory usage by analyzing caches and wrote a macro annotation to cache functions
- Reworked cache invalidation to speed up coding assistance. Blog post: <http://r.ilinskiy.me/cache>
- Introduced support for Kind Projector compiler plugin. Blog post: <http://r.ilinskiy.me/kp>
- Implemented support for Single Abstract Method (SAM) syntax. Blog post: <http://r.ilinskiy.me/sam>
- Added highlighting for errors related to covariant and contravariant types

Department of Computer Science, UT Austin

Austin, TX

Teaching Assistant

Fall 2014, Spring 2015, Fall 2016

- Led a weekly discussion section for *Intro to Programming, Data Structures, and Operating Systems*
- Graded programs, quizzes, and held lab hours

PERSONAL PROJECTS (Source code for most projects available on Github)

Copernicus

Feature to allow jump to definition when browsing code in livegrep

Gorilla Search

Plugin for IntelliJ to search for usages of a method on Github

Werewolves App

Android app that randomly assigns roles for the Werewolves board game

Issue tracker classifier

Machine learning algorithm that classifies bug reports by area

Go plugin for IntelliJ

Feature to highlight return statements. Contributions: <http://r.ilinskiy.me/go-idea>

SCHOOL PROJECTS

Barrelfish OS

Research OS for multiple cores based on microkernel architecture

Adera

Group messaging app for iOS

SKILLS

Proficient in

Python, Java, Scala, Kotlin, C

Tools

Android, Git, Travis CI, SBT, Maven, Gradle, Apache Spark

Natural Languages

English (native fluency), Russian (native)

Work status

F-1 Student visa

LEADERSHIP

Association for Computing Machinery

Austin, TX

Officer for Academics

August 2014 - May 2017

Women in Computer Science

Austin, TX

Member

Spring 2014 - present