Max Ovsiankin

Burgeoning mathematician and software engineer with over three years of professional experience. Interested in programming languages, machine learning, and open source software. Looking for research opportunities in academia or industry for 2019.

Max Ovsiankin
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https://github.com/maxov

EDUCATION

University of California, Berkeley, Berkeley, CA

AUGUST 2016 - MAY 2020 (projected)

3rd year double major in Math and Computer Science, 3.94 GPA.TA for CS 170.

EXPERIENCE

Twitter, San Francisco, CA — *Software Engineering Intern*

MAY 2018 - AUGUST 2018

Researched JVM language tooling on the Scala Tools team. Built Scala expression parser, worked on new Scala compiler, designed semantic analyzation, rewrite, and comparison tools for compiler-added synthetics like implicits and inferred type parameters. Created Java compiler plugin that captures semantic information. Most work has been open-source at Twitter Rsc or Scalameta, research has been submitted as a student talk for Scala Symposium 2018.

Salesforce Einstein, Palo Alto, CA — *Data Science Intern*

MAY 2017 - AUGUST 2017

Wrote Scala and worked with Spark. Contributed to machine learning engine in model serialization, automatic feature engineering, "smart" quickstart templates, and assorted refactors. Tuned pilot tenant models in order to upstream algorithm changes to ML framework. Built tools in Gradle and Scala to assist with modeling workflows and submitting projects to clusters.

Kifi, Mountain View, CA — *Software Engineering Intern*

JUNE 2015 - SEPTEMBER 2015

Wrote Scala and worked with Slick and Play Framework. Helped refactor Kifi's web scraper, designed and built a new system for delivering notifications. Built chatops tools to streamline deployment. All work deployed to production.

RECENT CLASSES

- CS 370, Teaching Computer Science
- Math 136, Incompleteness and Undecidability
- Math 185, Complex Analysis
- CS 164, Programming Languages
- CS 162, Operating Systems
- CS 170, Algorithms
- CS 189, Machine Learning
- Math 113, Algebra
- Math 104, Real Analysis
- Math 110, Linear Algebra

OPEN SOURCE PROJECTS

https://github.com/twitter/rsc

https://github.com/scalameta/scalameta (one of several maintainers who can merge to the repository)

https://jarvis-scheduler.herokuapp.com (may take a while to load)

https://git.io/gulp-grunt (150+ GitHub stars)

https://git.io/virophage

https://www.spongepowered.org (800+ stars)

https://git.io/magica (20,000+ downloads)

Personal

Avid piano player, performed at recitals and have several competition prizes.