Andrei Tonkikh

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I am a computer science student fascinated by	Summary ————————————————————————————————————
	Education ————————————————————————————————————
St. Petersburg branch of the Higher BS in Computer Science (continuing) Graduating July 2019	School of Economics 2018 – Present (4th year)
St. Petersburg Academic University BS in Computer Science	2015-2018
— Wor	k Experience
Junior Software Engineer at Yandex Enhancing job scheduling algorithms for Map-Reduce paradigm running on	January 2019 – Present or YT. YT is a distributed batch-processing platform based many tens of thosands of machines. In particular, I'm trying aderutilization caused by fragmentation.
<u> </u>	July-December~2018 gmentation on YT clusters. Improved and modernized schedtraces from the production scheduler and evaluate scheduling
	Summer 2017 n. Improved observability of Google Cloud Engine. Designed, or reporting statistics from test instances of GCE components.
— Open Sor	rce Contribution ————————————————————————————————————
Packer Builder for VMware vSphere	$Fall\ 2017$ s and OS installation in vSphere environment. The project is
Rust Standard Collections Library Contributed to the implementations of	Spring 2016 B-Tree and Binary Heap in rust standard library. 3947 and github.com/rust-lang/rust/pull/32987
Most Relevan	nt University Courses —————
Spring 2018 Parallel Programming, Cont Fall 2017 Linux Kernel, Databases, St 2016 – 17 Operating Systems, Function	s, Big Data Software Engineering ainerization, Computer Networks, Compillers atistics, Software Engineering nal Programming in Haskell, Java ures, C++, Linux Administration
	riting multi-threaded OS-kernel and a simple containerization les in C, implementing a very basic mapreduce framework in the ser 3D action game for Android in Java.
Program	nming Languages ————————————————————————————————————
Strongest: C++, C Comfortable: Go, Kotlin, Java, Rust Limited Experience: Scala, R, Haskell, OCa	
	er Experience
Programming Competitions Sth. place in Google HashCode 2018 Fi	_

8th place in Google HashCode 2018 Finals in Dublin.

High School Programming Competitions
- Actively participated and was awarded at many programming competitions in High School.

Teaching

· Taught algorithms and data structures to high school students at "Summer Informatics School".