Andrei Tonkikh

 Phone: +7(904)856-51-29 Email: andrei.tonkikh@gmail.com 	GitHub profile: xosmig LinkedIn profile: andrei-tonkikh
SUMMA	-
I am a computer science student with experience in becesearch. I have found my passion in distributed computersatile areas of computer science. I am always ready to difficult problems. I am motivated by my aspiration to pu	oth professional software development and academic ating because it is one of the most challenging and face new challenges and I am not afraid to take or
EDUCAT	TION —
Ph.D. in CS, intended	
M.Sc. in CS, NRU HSE, Saint-Petersburg, RussiaGraduation expected in June 2021.	2019 - 2021
B.Sc. in CS, NRU HSE, Saint-Petersburg, Russia	2018 - 2019
PUBLICATION PUBLICATION	TIONS —
R Guerraoui et al. "Dynamic Byzantine Reliable Br	oadcast." OPODIS 2020 (in press)
P Kuznetsov, A Tonkikh. "Asynchronous Reconfigur • Video presentation: www.youtube.com/watch?v= • Extended version: arxiv.org/pdf/2005.13499.pdg	=pWgseNI-gIg
 D Collins et al. "Online Payments by Merely Broad Nominated for the best paper award. Extended version: arxiv.org/pdf/2004.13184.pd. 	
Ongoing P	ROJECTS —
Fast and Scalable Byzantine Consensus	
• In an ongoing project I am working on a new partially replication protocol with improved performance characteristics.	v v
Work Exp	ERIENCE —
Research Intern at Télécom Paris, Palaiseau, France • Studied asynchronous reconfiguration of Byzantine	•
Junior SWE at Yandex, Saint-Petersburg, Russia	January 2019 – February 2020
 Developed a novel job scheduling algorithm for a la paradigm distributes resources more efficiently and 	
SWE Intern at Yandex, Moscow, Russia • Enhanced job scheduling algorithms for YT – the la	$\label{eq:July 2018 - December 2018} July \ 2018 - December \ 2018$ argest distributed computing platform at Yandex.
SRE Intern at Google, London, UK	July 2017 – September 2017
• Was part of Traffic Team SRE and improved the bla	ack box monitoring system for Google Cloud Engine
OTHER S	KILLS —

Hard skills: Distributed Systems, Databases, Concurrent Programming, Cryptography, Game Theory, External Memory Algorithms, Operating Systems, Linux Kernel Programming, OS-Level Virtualization