**Kobiljon Toshnazarov**

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OBJECTIVE:

A challenging software engineering position that deeply utilizes algorithms and critical thinking (i.e., Android/iOS Software Engineering, Web Back-End Engineering, Microservices Engineering, etc.)

SUMMARY:

Gained exposure to key concepts of Computer Science and Engineering as a graduate researcher in the Networked Systems Lab[[1]](#footnote-1). Also, prior to graduate school, gained professional experience in industry by working as a Software Engineer in IUTLab[[2]](#footnote-2), and conducting a club of programmer students in Inha University in Tashkent.

SKILLS / KEYWORDS:

* C++ (from 98 till 17), Kotlin, Java (7, 8), Python, C#, SQL
* Git, Docker, gRPC, Linux Kernels, OS proficiency (Mac OS, Windows, Linux), Adobe Photoshop, Latex
* Algorithms (problem solving), Microservices, Django (REST APIs), Ionic (TypeScript)
* Confidence, Time management, Focus, Friendliness and manners, Work ethics, Public speaking, Research

EDUCATION:

* Bachelor’s Degree, 2018, Computer Science and Engineering (GPA 3.42 / 4.5), INHA UNIVERSITY in Tashkent (IUT), Uzbekistan
* Master’s Degree, 2020, Computer Science and Engineering (GPA 3.86 / 4.5), INHA UNIVERSITY, Incheon, South Korea

EXPERIENCE:

Graduate Research Assistant, Networking Systems Lab in INHA University, South Korea, full-time 2018-Present

Involved in research projects:

* [EasyTrack](https://dl.acm.org/doi/10.1145/3307334.3328633) (conference MobiSys 2019) - a large scale sensor data collection [platform](http://etdb.myvnc.com) for researchers
* [MindForecaster](https://github.com/Qobiljon/MF_AndroidClient) (conference CHI 2020) - mobile application to help users prepare for stressful events using personalized interventions
* [IMSP](https://github.com/Qobiljon/EasyTrack_Server) (conference KICS 2020) - an intelligent mobile sensing platform for automatized abnormal behavior detection
* [EDD](https://github.com/nnarziev/EDD_Server), [SNMP/GOOSE](https://github.com/Qobiljon/SNMP_KERI) KERI[[3]](#footnote-3) - network failure monitoring platform, in collaboration with KERI (outsourced project)
* [오늘하루](http://haruasd.net/) - A cognitive behavioral therapy program to improve various psychological difficulties (outsourced project)

Lecture Assistant in INHA University, South Korea, part-time 2018-2019

* Conducted laboratory courses for Application Programming in Java (201802CSE2107001, and 201901CSE2107001)
* Conducted laboratory courses for ComputerNetworks (201902CSE4202001)

Software Engineer, IUTLab Tashkent, Uzbekistan, part-time 2016-2017

* Developed Android and Windows client applications (i.e., [Kadrlar](https://github.com/Qobiljon/Kadrlar.git), [MindWind](https://github.com/Qobiljon/MindWind.git), etc.)
* Used tools - C#, Java, Maven, PostgreSQL, Git, Firebase, Android Studio, Eclipse, Microsoft Visual Studio

PC & Mobile Phone Repair Assistant Technician, Kashkadarya Uzbekistan, part-time 2009-2011

* Repaired mobile phones (hardware and software)
* Did OS installations (Windows XP)
* Assembled / disassembled PCs and mobile phones

LANGUAGE SKILLS:

English - fluent (active IELTS 7.5 / 9)

Russian & Uzbek - bilingual (native)

Korean - intermediate (able to conduct non-complex conversations)

PUBLICATIONS:

* EasyTrack - Orchestrating Large-scale Mobile User Experimental Studies (2019), MobiSys'19 Proceedings
* IMSP - an Intelligent Mobile Sensing Platform for Automatized Abnormal Behavior Detection (2020), KICS Winter Conference 2020 Proceedings
* Toward Future-Centric Personal Informatics: Expecting Stressful Events and Preparing Personalized Interventions in Stress Management (2019), CHI’20 Proceedings

1. nsl.inha.ac.kr (INHA University, South Korea) [↑](#footnote-ref-1)
2. iutlab.uz (Tashkent, Uzbekistan) [↑](#footnote-ref-2)
3. Korean Electricity Research Institute [↑](#footnote-ref-3)