Taras Teslyuk

Senior Android Software Engineer, Ph.D in Computer Science

I'm an Android software developer with more than 6 years of experience. My area of expertise includes mobile applications development and design.

Experience

Software Engineer

2018/06– present
Vakoms, *Senior Android Developer*, Lviv, Project under NDA - reporting system for construction companies:.
I worked as a Senior Android engineer and was responsible for technical solutions for Mobile platforms. Key features: a huge set of reports based on different templates, offline mode. Technologies: MVVM, Kotlin, RxJava, Bluetooth, offline mode, SQLite

2016/06– Present
Freelancer at Upwork, *Software Engineer*, Project Manager, Android POS for startup.
I lead a team of Android, Hardware, and Backend developers. I developed 2 Android application for Admin and clients. Key features: Purchase flow automation at Fruit/Vegetable shops. Users can use RFID cards to collect items and form orders. The Admin user is able to scan cards and finish purchase orders. Technologies: STM32 microcontroller, RFID, USB serial, Bluetooth, Embedded systems

2015/07– 2018/06
Vakoms, *Android Developer*, Lviv, FuboTV - video streaming service.
I worked in a team of Android engineers as a Middle Android engineer. I took part in different sub-projects for Android Mobile, Android TV, FireTV, and custom player library. Key features: provide media content on Android mobile and TV. Technologies: Analytics, Advertisement, Retrofit, Glide, Exoplayer, AndroidTV, FireTV, social networks, MVP, custom libraries

2014/07– 2015/06
Vakoms, *Junior Android Developer*, Lviv, Project under NDA - Android terminal for gym equipment.
I took part in the support and development of new features as a Junior Android engineer. Key features: Android terminal application to track exercises and control custom race tracks, bicycles, etc. Technologies: Social networks, Volley, Terminals, Picasso, hardware emulators

Lecturer

2019/02– present
Lviv Polytechnic National University, *Ph.D., Assistant*, Lviv, ACS department:.
I was a lecturer of the "Basics of Android software development", "Digital circuits" courses. I assisted at lab work for "Robototechnics", "Teamwork and presentation skills", "Operation systems" courses.

2015/10–present	**PLLUG**, *Lecturer*, Lviv, Volunteer organization of people willing to share knowledge:. I organized and led the course "Basics of Android Software development". The course included more than 12 lessons about different Android related topics and a final course project. More than 300 students attended this course. Best students were invited to partner companies.
2018/09–2019/12	**Ukrainian Catholic University**, *Lecturer*, Lviv, Computer Science faculty:. I led lectures and practical lessons for "Object Oriented Programming" course.

Education

2015/12-2018/10	**Postgraduate**, *Lviv Polytechnic National University*, Lviv, Computer Science faculty. Ph.D. Thesis - Methods and techniques for data acquisition and processing in control systems for energy efficiency at an enterprise
2014–2015	**Master degree**, *Lviv Polytechnic National University*, Lviv, Computer Science faculty. Specialized in System design
2013–2014	**Undergraduate**, *University of Trento*, Italy, Computer Science faculty. ERASMUS MUNDUS ACTION 2 program
2010–2014	**Bachelor degree**, *Lviv Polytechnic National University*, Lviv, Computer Science faculty. Specialized in Computer-aided design
2006–2010	**Student**, *Physics and Mathematics Liceum*, Lviv. physics and mathematics class

Articles

2012-present	**more then 40 articles and conference proceedings**, *Research fields: robotics, smart-house, energy efficiency*, Skopus: https://www.scopus.com/authid/detail.uri?authorId=55817439200.

Computer skills

Programming Languages

Advanced	JAVA,KOTLIN
Basic	C/C++,SWIFT,DART,

Technologies

Architecture	MVC,MVP,MVVM,CLEAN ARCHITECTURE
Reactive	RXJAVA,LIVEDATA
Multiplatform	FLUTTER, KOTLIN NATIVE
Testing	ESPRESSO, MOCKITO, JUNIT

Languages

Ukrainian	**Mother tongue**	
English	**Upper-Intermediate**	*Conversationally fluent*