

Rafał Zieliński

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EDUCATION

1996-2002 **Nicolaus Copernicus University in Toruń**
Faculty of Physics, Astronomy and Informatics.

1992-1996 **S. B. Linde High School in Toruń**
Mathematics and computer science profile.

RELEVANT PROFESSIONAL CAREER

2016 - present **Android Developer (freelance)**
Mobay Software s.c. (on site in Bydgoszcz or remote)
Development studio specializing in mobile applications, beacons and real time image processing.

Main projects :

- Android application for Aarhus University (Denmark). The app was created to help carry out science experiment, show progress, statistics and collect experiment data

Tech stack :

Java, Android Studio, Android SDK, Support Libraries, Realm, Retrofit, RxJava2, Firebase, JIRA, GIT

- Android application for bus company (Oxford, UK). Main functionalities included searching for bus route, bus live position on the map, finding and buying tickets, user account

Tech stack:

Java, Android Studio, Android SDK, Support Libraries, Google

Maps, Realm, Retrofit, Espresso, Mockito, JIRA, GIT

- Android application for train company (London, UK). The app was designed to find and buy tickets between Gatwick airport and London

Tech stack:

Java, Kotlin, Android Studio, Android SDK, Support Libraries, Google Maps, Realm, Espresso, Mockito, GIT, JIRA

- Indoor navigation application using beacons for Wyższa Szkoła Bankowa (Bydgoszcz, Toruń). The app was designed to create indoor navigation for disabled, with voice commands, dynamic content management and PUSH notifications

Tech stack:

Java, Android Studio, Android SDK, Support Libraries, Google Maps, Bluetooth Beacons (kontakt.io SDK), Realm, Firebase, GIT, JIRA

2012-2016

Android Developer

Mobica Limited (on site in Bydgoszcz or remote)

Development, testing and writing documentation of Android applications for external customers, conducting lectures and workshops.

Main projects :

- Android application for VISA (US). Main functionalities included credit card management, money transfer, user account

Tech stack:

Java, Android Studio, Android SDK, Support Libraries, custom SDK provided by customer, GIT, Gerrit, Jenkins

- Android application for top telecommunication company (US)

Tech stack:

Java, Android Studio, Android SDK, Support Libraries, Espresso, Mockito

- 2011-2012** **Co-founder/owner of space technologies start-up**
ABM Space Education Sp. z o.o (Toruń)
Head of IT and software development team, responsible for constructing software for controlling motion of Mars analog rover.
- 2008-2011** **ABAP specialist and programmer**
SIDEn Sp. z o.o. (Toruń)
Development and testing applications for SAP customers.
- 2003-2008** **Software Engineer**
ATOS (Bydgoszcz)
Development, testing and writing documentation for external customers.

SCIENCE AND ACADEMIC CAREER

- 2014-2015** **Consultant and tutor**
Torun
Tutoring students on the subject of Team Programming, Nicolaus Copernicus University, Faculty of Mathematics and Computer Science.
- 2013** **Lecturer**
Bydgoszcz
Lecturer of programming Android devices, conducting exercises with students, University of Economy.
- 2012** **The Mars analog field tests**
Dachstein, Austria
Writing software for controlling motion of Mars analog rover, rover video processing, data streaming and remote sensor reading.
- 2010** **University Rover Challenge**
USA
Writing software for controlling motion of Mars analog rover and for rover video processing.

RELEVANT SKILLS

Operating systems	MacOS, Windows
Programming languages	Java, Kotlin, JavaScript
Android Technologies	Android SDK, Android Support Libraries, Google Maps API, Realm, Retrofit, RxJava2, Dagger2
Other Technologies	JSON, REST, Firebase, Bluetooth beacons, OpenGL, OpenCV
Testing	Espresso, Mockito
Tools	Android Studio, Gradle, GIT, JIRA, Gerrit, Jenkins
Foreign languages	English (FCE), Polish (Native)
Personal interests	Electronic music, TV series, cycling