

## PERSONAL INFORMATION



## Zsolt Barkó

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 <https://github.com/Zarrev/>

Sex Male | Date of birth 06/06/1995 | Nationality hungarian

## WORK EXPERIENCE

16/03/2017–15/03/2018

## Working Student / Trainee, R&amp;D Engineer

Nokia Solutions and Networks Kft., Budapest (Hungary)

In the first few weeks, We built up a database via python (collecting, processing, storing datas, make diagrams)

Develop solutions into JIRA from Nokia workflows. We used Groovy (for Scriptrunner) and after that Java (for plugin).

16/06/2018–15/09/2018

## JIRA developer trainee

Nokia Solutions and Networks Kft., Budapest (Hungary)

JIRA plugin development: Maven, Java, Javascript, Linux server, HTML

## EDUCATION AND TRAINING

2014–Present

Pázmány Péter Chatolic University – Faculty of Information Technology and Bionics - Computer Science Engineering Bsc, Budapest (Hungary)  
<https://itk.ppke.hu/en>

## PERSONAL SKILLS

Mother tongue(s) hungarian

Foreign language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	B2	B2	B2	B2
State accredited language examination (B2)					

Levels: A1 and A2: Basic user - B1 and B2: Independent user - C1 and C2: Proficient user  
[Common European Framework of Reference for Languages](#)

Organisational / managerial skills

I am member of Animátor Közössége at university, where I got managerial, organisational and teamwork skills. (Animátor Közössége make events for students and it has mentor program for freshmen.)

Job-related skills

- I know the following IDEs: Code::Blocks, Eclips, IntelliJ, CLion, PyCharm, Android Studio
- C++ : elements, basic data structures, sorts, searches, pointers
- Java 8: exceptions, I/O, string handling, OOP, interfaces, Reflection API, Java Utilities, Generics, threading, JavaFX , network handling
- Python: my knwoledge is closely same as in Java, known libs: Tkinter, Tensorflow, Numpy, Pandas,

- Matplotlib
- Oracle SQL
  - Android (Java and Kotlin): basic knowledge (e.g. activity life cycle, GUI, RecyclerView)
  - Objective-C and SWIFT: Data types, classes, keywords(e.g. @property), functions
  - Neural Networks: CNN, FFNN, U-Net
  - Groovy
  - XML
  - MATLAB (Matlab expressions, functions, vector and matrix, polynomial, systems of equations, differential equations)
  - LabVIEW - beginner level (making simple connections)
  - Autodesk Maya - beginner level
  - GitLab
  - GitHub
  - Scrum and Kanban methodologies
  - Testing: Selenium, JUnit
  - Design Patterns: Factory, Singleton, Adapter, Composition, Proxy, Observer

#### Digital skills

SELF-ASSESSMENT				
Information processing	Communication	Content creation	Safety	Problem solving
Independent user	Proficient user	Independent user	Proficient user	Independent user

#### Digital skills - Self-assessment grid

- I know the Microsoft softwares (Word, Excel, PowerPoint, Access, Teams, Power BI).
- I have basic knowledge about GIMP.

#### ADDITIONAL INFORMATION

Currently, my student status is active so I can work about 24 hour/week. I love programming. I am persistent and enthusiastic when I get a task.

My homeworks and assignments can be found on my github repository.

In my free time, I usually go out with my friends. I like try new foods. I love many kind of music. I like cooking, but I do not like the washing, what is part of a really good meal, so I do the washing as well.

I interested in the new technologies and the human brain, but about the last one, I just watched videos and documentary movies on YouTube.