Przemysław Woźniak

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EDUCATION

2015 – 10.2016

Warsaw University of Technology, Master Studies
Faculty: **Mechatronics**, Field of study: **Mechatronics**, Specialization: **Photonics Engineering**

My **master thesis** was focused on developing Android-based utility which enables paralyzed people to communicate with the use of specially designed app which tracks eye gaze. **Technologies**: Java, Android SDK, C++, OpenCV, JNI, Android NDK. **Video** presentation: https://youtu.be/88fD5A-RQ1M

2011 – 2015

Warsaw University of Technology, earned **Bachelor of Science in Mechatronics**
Faculty: **Mechatronics**, Field of study: **Mechatronics**, Specialization: **Photonics Engineering**

WORK EXPERIENCE

09.2017 – now

Java Hybris Developer at Bosch Poland
As a Java SPA Hybris developer, I work with IT teams members from Poland and other locations (such as: Germany, USA, China, India), taking part in global IT projects realized by Robert Bosch corporation. I'm mainly involved in development of **eCommerce applications** in Agile methodology. **Technologies**: Java 8, SAP Hybis eCommerce, Spring Framework, JUnit, Gradle, Maven, Git, Bitbucket, JavaScript, jQuery, JSP.

06.2017 – 08.2017

Java Developer at PKO Bank Polski
I'm a member of a team which works on bank's mobile application, IKO – I'm responsible for backend. I do **R&D**: I'm co-designing brand new app's features and developing Proof of Concepts accordingly, e.g. **cloud**-centric solutions (Microsoft Azure Notifications Hub) and Big Data (Hadoop, Apache Flume). I extend **SOAP**-based JEE webservices (**JAX-WS**) and develop new functionalities with **Spring 3** and **Java EE 6/7**.

07.2016 – 06.2017

Java Developer at CGI
I'm a part of a **SCRUM** team, which introduces modern sales solutions based on eCommerce platform SAP **Hybris** for one of the top **telco** companies in Poland. I'm not only implementing new features and modernizing existing ones, but I'm also responsible for code analysis and providing tests, mostly in **TDD** manner. I'm a **fullstack** developer: I'm more into backend, but I can also handle most frontend tasks on my own. **Technologies**: **Java 8**, **Spring 4**, **Hibernate**, **Hybris**, REST, JavaScript, HTML, CSS, **jQuery**.

02.2016 – 06.2016

Android/Java Developer at EFM Sp. z o.o.
EFM has commissioned me to develop the utility, which was the subject of my master thesis. Furthermore, I've also developed an Android app, which goal was to process, store and present medical measurements in an attractive form. The app communicates with measurement instrument via Bluetooth.

02.2015 – 02.2016

Co-founder of Blue Djinns Games start-up
Start-up came into being as a part of AIP (Akademickie Inkubatory Przedsiębiorczości) in order to bring to the market our **puzzle game for Android-powered devices**, **How To Die** (https://goo.gl/ia383g). Besides the graphical assets, the whole production was up to us and made during our free time. **Technologies**: C#, Unity, Blender, GIMP.

07.2014 – 08.2014	**Programmer, Trainee at InPhoTech Sp. z o.o.**
03.2014 – 06.2014	**Student Placement at a scientific research project conducted at PED, WUT**

CHOICE OF MY MOST IMPORTANT PROJECTS

- Web application used for e-mail signatures generation with fully-featured interactive online editor. **Technologies**: **AngularJS**, Java 8, Spring 4 (**Boot**, **Security**, **Data**), **MongoDB**, HTML5, CSS3, jQuery.
- Sharing economy application prototype, which connects owners of parking places with drivers. **I was responsible for microservice architecture and backend programming**; frontend with web and iOS.
- **Development of software solution for real estate visualization in Virtual Reality**. Presentation for potential customers can be seen on: https://youtu.be/2bFi3zOmYJ8 **Technologies**: C#, Unity, Google Cardboard.
- **Development of programming library for genetic algorithms utilization in C++** and demo Python program which uses it. Final code version with documentation: https://goo.gl/JiUJwP
- Invoice recognition software with user-friendly UI (Qt) and Central Statistical Office database connectivity.

TECHNICAL SKILLS

Programming language	Acquaintance	Practical experience
Java 8	Advanced	web applications – backend, Android apps
JavaScript, HTML, CSS	Advanced	web applications – frontend (including **jQuery**, **Bootstrap**)
C++	Advanced	image processing and analysis, point clouds analysis, development of programming library for genetic algorithms
C#	Intermediate	many projects in Unity
C	Intermediate	ARM microcontrollers programming

Other	Tools
- using **Hibernate** and **Spring** on a daily basis	- version control: **Git**
- acquaintance with most important **design patterns**	- code review: **Gerrit**
- knowledge of **SQL**, relational and non-relational DBs	- **tests**: **JUnit**, Mockito, **Spock**
- **UML** – practical knowledge	- UML: StarUML
- **REST, SOAP –** webservices	- IDEs: IntelliJ IDEA, Eclipse
- I work in **SCRUM**	- **code documentation**: Doxygen, Javadoc
- practical knowledge of **Linux** and **MacOS**	- project management: **Jira**

FOREIGN LANGUAGES

English	Advanced knowledge of English (**C1**), **certified with CAE examination**.

ADDITIONAL ACTIVITIES

Development is my DNA. I use **Udacity**, **Coursera** on daily basis. I practice code craftsmanship on **Warsaw Java User Group** meetups. I'm a former **member of two WUT's scientific clubs**.
I attend **conferences** and **workshops. I was awarded two official SAP certificates: HY400 and HY410.**

HOBBYS

- Hacking culture.
- New technologies, also in the context of social and economic changes.
- Game development.