

# CV – Wojciech Wantka (November 2017)

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web: [github.com/wojciech-wantka](https://github.com/wojciech-wantka)

## EXPERIENCE

- **Intel Technology Poland, Gdańsk** [November 2017 - now (1 month)], Cloud Software Engineer
  - Fixing bugs, making new functionalities (connected with writing unit and component tests)
  - Java EE, TestNG, gradle, javascript, typescript, node.js, docker, linux, python, bash, wildfly, REST, PostgreSQL, Hibernate, Jackson, IntelliJ IDEA, Scrum, code reviews
- **Comarch, Gdańsk** [July 2015 – September 2015 (3 months)], Software Developer Internship
  - Devops solutions implemented to automate setup of developer's environment
  - Vagrant, Puppet, Java EE, Spring Framework, javascript, maven, Eclipse
- **Infobrokering, Gdańsk** [July 2014 – July 2014 (1 month)], Internship
  - Writing web scrapers for information brokering
  - C#, HtmlAgilityPack, Google Geolocation API

## SKILLS

- **programming languages:** java, python, javascript
- **java libraries/frameworks:** hibernate, jackson, resteasy, guava, apache commons
- **java EE application servers:** wildfly
- **web development:** REST, node.js
- **relational databases:** PostgreSQL
- **build automation:** gradle, maven
- **IDEs:** IDEA, PyCharm, Visual Studio
- **virtualization:** VirtualBox
- **VCS:** git
- **project tracking:** JIRA
- **methodologies:** Scrum

## EDUCATION

- **Computer Science** (master degree) [2017 – 2018 (prediction)]
  - Gdańsk University of Technology; faculty of Electronics, Telecommunication and Computer Science
  - diploma thesis: *Semidefinite programming for quantum entanglement detection*
- **Computer Science** (engineer degree) [2013 – 2017], graduate (grade: 4.5)
  - Gdańsk University of Technology; faculty of Electronics, Telecommunication and Computer Science
  - diploma thesis: *3D cellular automata neural network with visualization*

- **Applied Mathematics** (engineer degree) [2009 – 2013], graduate (grade: 5)
  - Gdańsk University of Technology; faculty of Applied Physics and Applied Mathematics
  - diploma thesis: *Local measurements on quantum complex systems*

## PORTFOLIO

Several projects hosted at [github.com/wojciech-wantka](https://github.com/wojciech-wantka):

- **jaes** (Java AES) – GUI tool for public key cryptography [Java FX, bouncycastle, gradle]
- **jawc** – Asynchronous web crawler [Java, Swing, gradle]
- **lexicographic-bfs** – Implementation of lexicographic breadth first search [C++]
- **problem-sets** – My solutions to various algorithmic problem sets (spoj, codility, etc.) [Java, C++, JavaScript]
- **books-solutions** – My solutions to exercises from various books (*Structure and Interpretation of Computer Programs*, *The C Programming Language*, *Python for education*) [Lisp (scheme), C, python]

Other simple demo projects (hosted at [github.com/wojciech-wantka/demos](https://github.com/wojciech-wantka/demos)):

- **work-offers-company** – Simple REST web application [Java, maven]
- **image-gallery** – Image gallery web application with managing of users' information (names, passwords) in database [PHP, CSS, html, javascript, AJAX]
- **numerical-methods** – Beginning phase of project for numerical methods [C++, STL]

## ACTIVITIES

- **Workshops on Quantum Optics and Quantum Information**, University of Warsaw (17 – 21 September 2012): [psi.fuw.edu.pl/bin/view/Main/OiK3](http://psi.fuw.edu.pl/bin/view/Main/OiK3)

## CERTIFICATES

- **C# Academy**, Microsoft (June 2016)

## LANGUAGES

- **English:** intermediate

## INTERESTS

- history (especially history of Poland)
- sci-fi literature (especially Stanisław Lem)
- physics (especially quantum information science)