

# Jacek Oleś



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## Skills

Java

PostgreSQL • Maven • Spring

Unix • Github • LaTeX

HTML • CSS • JavaScript

JavaFX • Android (Java) • Ada • Matlab

Erlang • Prolog • Haskell • Scala

Wildfly • Swift (iOS) • MS Office

C • C++ • Node.js • Angular 5 • React

## Certificates

- Engineering Degree  
Bachelor of Computer Science
- English CEFR certificate C1 level

- Introduction to Logic  
by Stanford University  
Online course via Coursera.org

## Education

2020

Computer Science

Faculty of

Electrical Engineering, Automatics, Computer Science and Biomedical Engineering

University

AGH University of Science and Technology

## Experience

2017

BNP Paribas Bank Polska S.A.

**Apprenticeship at Project Management department**

Responsibilities

Organizing meetings with project teams and preparing meeting reports.

Creating a current budget statement for programme consisting of multiple projects.

Research, analysis and preparing summary of the findings on availability and credibility of financial information in databases offered by third party business.

## Projects

All project titles contain links to repository containing given project. Please click github icon or project title to visit repository.



**JavaLaboratoriesGUI**

JFoenix • JavaFX • Maven • Java

Project teaching *Java* concepts using *JavaFX* visualization of problems solved in [JavaLaboratories](#).



**TrieTreeImplementations**

FXGraph • JavaFX • Maven • Java • LaTeX

Engineering thesis program containing Patricia Tree implementation in accordance with Knuth's "The Art of Computer Programming", additional features and tree structure visualization.



**SecureApplicationPractices**

Docker • PostgreSQL • Spring • Android (Java) • Gradle • Java • Maven • LaTeX

3 part project: back-end (*Java Spring REST + PostgreSQL*), *Android* app, front-end (*Vue.js*). I'm the sole author of the project's back-end and most of the *Android* app. The project demonstrates difference between secured and vulnerable implementations of *REST* service. Included exposure examples are located in various layers: some on the database level, the others in the *REST API*.



**WeatherForecastApp\_Swift\_iOS**

Swift (iOS • Storyboard)

Simple weather forecast application utilizing [MetaWeather API](#) written in *Swift* for *iOS* using *Storyboard*.



**BareJS**

JavaScript (ECMA 6) • HTML • CSS

Project demonstrating functionality of *JavaScript*, *CSS*, *HTML* with live version on [GitHub Pages](#).



**SoapRest**

Java • Wildfly • Maven • RestEasy • Swagger • Protocol Buffer 3 (Google)

Project for Service-Oriented Architecture university course. *SOAP* and *REST* services and clients written for *JBoss Application Server (Wildfly 14.0.1.Final)* using *Java* and *Maven*. *REST* service contains usage of [Protocol buffer 3 \(google\)](#). *SOAP* service has *BASIC* method authorization while *REST* token-based. Both services allow *Byte64* objects transfer.



**JacksChess**

Ada • GtkAda (GTK+) 3.0 • AdaCore GPS • Windows

Chess game implemented in *Ada* programming language using graphics library *GtkAda (GTK+ 3.0)* for *Windows* platform. Program was written and compiled via *AdaCore's GPS IDE* supplying library *GtkAda*.

## Interests

- Virtual entertainment, console and computer games industry.
- Foreign affairs, international politics and other news. Mainly USA.
- Biology and Science news and trivia.
- "Collecting" interesting story ideas from books, films, series and games.
- Writing short stories.
- Illustration and animation.