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

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 raports.
	Creating current budget statement for programme consisting of multiple projects.
	Research, analysis and prepairing 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 reposity.

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 sole author of the project's back-end and most of the *Android* app. Project demonstrates difference between secured and vulnerable implementations of *REST* service. Included exposure examples are located in various layers: some on 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 demostrating 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.