### MAKSYM BYKOVSKYY

♠: 3609 Turner St., Vancouver, BC V5K 2J2

**3**: +1 778 251 5556

maksym@bykovskyy.com

**③**: bykovskyy.com

in: linkedin.com/in/mbykovskyygithub.com/mbykovskyy

#### **SUMMARY**

- Worked with a number of different programming languages.
- Always strive to achieve the highest standard of quality in my work.
- Have shown self determination by putting in whatever hours are necessary to get the job done.

#### **EDUCATION**

#### **B.Sc.** (Hons) in Software Development

Cork Institute of Technology - Cork, Ireland

Graduated with First Class Honours

2005 - 2009

#### WORK EXPERIENCE

### **Contract Software Developer**

March – April 2014

Pilz Ireland Industrial Automation – Cork, Ireland

- Consolidated service release of the visualisation runtime.
- Oversaw integration tests automation and trained the team how to use it.
- Provided support for visualisation domain in PAS4000 IDE.

#### **Software Developer**

September 2009 – October 2013

Pilz Ireland Industrial Automation - Cork, Ireland

- Automated PAS4000 IDE regression tests at a logic layer through RPC server.
- Designed and implemented a tester-friendly GUI test framework written on top of Google Window Tester and SWT Bot.
- Built new and maintained old features/plug-ins for PAS4000 IDE implemented in Java on top of Eclipse RCP.
- Implemented communication layer in a visualisation runtime utilising OLE for Process Control (OPC) technology for communication between visualisations and programs running on Programmable Logic Controllers (PLC). It was implemented in C++ using Websocket (and Ajax in a more limited environment) to drive visualisations.
- Unit-tested the runtime in C++ and integration-tested with the rest of the system in Ruby.

#### **Intern Software Developer**

April – September 2008

Pilz Ireland Industrial Automation - Cork, Ireland

• Contributed to the development and maintenance of PSS WIN-PRO IDE for Programmable Safety Systems (PSS).

#### PROFESSIONAL SKILLS

#### **Programming languages**

C/C++, Java, Ruby, Javascript

# Markup languages

HTML, XML, CSS

#### **Databases**

MySQL, ER modelling, Database normalisation

#### Methodologies

Test-driven development, Prototyping, Extreme programming, Scrum

## **Source control systems**

Git, Subversion, CVS

#### **Frameworks**

Eclipse RCP, Ruby on Rails, Ember, Angular

#### Libraries

SWT, JFace, OpenGL, Ogre 3D, SDL, Bullet Physics Engine

# PERSONAL SKILLS AND QUALITIES

- Fluent in English, Ukrainian and Russian languages.
- Developed a great relationship with all my colleagues.
- Love to challenge myself mentally and physically with personal projects and hobbies.

## **INTERESTS**

DIY, Programming, Games, CGI, Skydiving, Surfing, Gymnastics, Weightlifting, Swimming, Jogging, Philosophy, Psychology.

References Available Upon Request