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Tomasz Kulik

About me

I have almost 5 years of professional experience in IT, 3 years as a Automation Tester and 2 years as a Software Engineer. I started as a Working Student in Nokia during a 2nd year of study. I gained a lot of knowledge of Telco industry and Software project Life Cycle. I had a chance to work on both a very large projects with thousands lines of code and smaller applications written from scratch. I'm using SOLID principles, well known design patterns and unit testing in my daily basis. My studies were focused mainly on theory of Computer Science, however there were a lot of practical exercises. I was using a number of programming languages during labs. I learned a lot of algorithms from different fields such as networking, distributed systems, coding and compression of data, parsing and compilers' architecture, machine learning, optimization etc.

Programming



Experience

08/18 - present Engineer Software Development

Nokia, Wrocław, Poland

- · Development of LTE and IoT software in System Module and Radio Module
- · Implementing new features and maintaining legacy code
- · Faults analysis
- Python3 and C++14 code reviewer, member of a Scrum team
- Programming: C++14, Python3, TTCN-3, VBA

06/15 - 08/18

Software Test Engineer

Nokia, Wrocław, Poland

- · Functional Testing, Integration Testing
- Development of a test environment for LTE software (Base station)
- · Creating automated tests, preparing documentation of test plans etc.
- Python3 code reviewer, member of a Scrum team
- Programming: Python3, RobotFramework

Tools

Gi			SVN		CMake	
GMock		G	GTest			PyTest
Pylint		Gitlab			J	enkins
J	Fisheye				Bison	
		Flex			PLEX	
	Scikit-lear					Keras
Pandas					a	tplotlib
OpenGL Linux (bash)						
				٧	۷i	ndows

Education

2017 - 2019 Master's Degree in Computer Science (Algorithmics)

Wrocław University of Science and Technology

Faculty: Fundamental Problems of Technology

Thesis: "Filtering algorithms in constraints programming".

Description and implementation of algorithms for domains reduction (constraints propagation)

within IBM CPLEX environment. C++11 / Optimization

2013 - 2017 Bachelor's Degree in Computer Science

Wrocław University of Science and Technology

Faculty: Fundamental Problems of Technology

Thesis: "Computer modeling and solving geometry puzzles that require collision detection". Solver of 'Snake cube puzzle'. Application consist of an interactive 3D GUI that allows the user

to manipulate the model and to solve it step by step. C++11 / OpenGL

Personal Skills

Team player Fast learner Sharing knowledge

Languages

Polish - Native English - Good

Certifications

- Best practices of object-oriented programming in C++ language
- ISTQB Certified Tester Foundation Level
- E-UTRAN/LTE Signalling
- · LTE Cellular IoT

Interested in

Algorithmics
Machine learning
Dancing
Sport
Guitar

I agree to the processing of personal data provided in this document for realising the recruitment process pursuant to the Personal Data Protection Act of 10 May 2018 (Journal of Laws 2018, item 1000) and in agreement with Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (General Data Protection Regulation).