Aleksandr Bobyrev

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Age: 38

INTRODUCTION:

I'm an experienced software engineer looking for a new and innovative project. The programming and coding of electronic devices has been my passion since secondary school. As an engineer, I like to create new things, which help to make life easier for their users. Right now, I'm working on my own project called "Light" – an electronic control device for automated blinds.

Important Words: C / C++, CAN, LIN interfaces, MISRA-C, PC-Lint, C-Unit tests, regression test scripts on Python and Jenkins. Scrum, Jira, user stories. Qt framework, Python, Arduino, Raspberry Pi, ESP8266, ESP32

EDUCATION:

2010 – 2014
Tallinn University of Technology
Speciality: Computer and Systems Engineering, master of science.
Minor specialty: Automation and Systems Engineering.

2006 - 2010
Tallinn University of Technology
Speciality: Computer and Systems Engineering, bachelor of science.
Thesis topic: Brushless motor control by Accelerometer.

WORK EXPERIENCE:

03.2018 – Present
Symantec - Software Engineer

Job Description: Maintenance and development of Agent (Client) for remote pc / server management. Working with Unix, Linux, Mac team.
Agent is written in C++ and is compiled by GCC. Maintenance and development of an automation testing framework based on STAF and selenium. Test scripts on C#

08.2017 – 05.2019
Tallinna Tööstushariduskeskus – OOP teacher
Job Description: Teaching students from junior developers to OOP, patterns, testing in the Qt framework.

Aleksandr Bobyrev

12.2012 – 03.2018
Stoneridge Electronics AS– Embedded software engineer
Job Description: Developing embedded software for external customers. Working in a team on long-term projects.

Achievements: Working with and refactoring legacy code for an old and complex project on C. Implementation of a transport layer (IS0 15765-2) for diagnosis communication (KWP). I made my own library on Python to work with geo data, converting a position from one format to another, calculating the distance between two points on a map.

Key words: UDS, KWP, NMEA, CAN, LIN interfaces, MISRA-C, PC-Lint, C-Unit tests, regression test scripts on Python and Jenkins. IBM Rational DOORS, Scrum, user stories.

09.2010 – 02.2011
Tallinn University of Technology – Teaching Assistant
Job Description: I was teaching students at Tallinn University of Technology C/C++ language and OOP. There were 25 students in my group

05.2010 – 12.2012
PKC Grupp Eesti – Software Developer
Job Description: Supporting and developing products for internal users. Achievements: Database system for QA (Qt + MySQL), software for cable cutting machine (Qt + ModBus + ABB driver) which is used by the company until today in Latvia and Lithuania.

12.2007 - 03.2010
AS Ldiamon – Software Developer
Job Description: Develop software systems for medical equipment. Working with Windows CE \Platform Builder, Windows XP \ Qt Creator.

LANGUAGE SKILLS:

Language	*Level*
Russian	Native language
English	Professional
Estonian	Middle

COMPUTER SKILLS:
Advanced: C, C++, Python, Qt framework, MS Office, Windows, GCC, HP-UX, SunOS, Linux, Mac

Average user: Embedded Open Linux, MySQL, Arduino, Raspberry Pi, ESP8266, TCP/IP.

CERTIFICATES:
ISTQB Certified Tester Foundation Level, 2017

Driving Licence:
Category B, since 2004