

Marijonas Petrauskas

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WORK EXPERIENCE

Summer 2014	Microsoft Software Engineering Intern in Windows Kernel Team
February 2014 – May 2014	Mappingbook Ltd Application Developer (part-time) <ul style="list-style-type: none">• Worked on large data-oriented European Commission projects;• Maintained virtualized Linux setup. <p>PYTHON DJANGO GRAPHVIZ GEOSPATIAL MAPSERVER POSTGIS</p>
Summer 2013	ZOOMBOOK Software Engineer <ul style="list-style-type: none">• Worked on the frontend and the backend of <i>zoombook.com</i>, an online self-publishing platform;• Designed and deployed a real-time data collection system;• Implemented a web-based product customization and ordering application. <p>PYTHON DJANGO WEB CAIRO POSTGRESQL</p>
Summer 2012	Google Ireland Site Reliability Engineer - Intern <ul style="list-style-type: none">• Worked on a large-scale system for distributing jobs over thousands of machines;• Worked on a programming language interpreter;• Designed and implemented a distributed application for doing automated code analysis. <p>PYTHON C++ CLIENT-SERVER ARCHITECTURE LEX & YACC</p>
March 2009 – May 2012	BALTO print System Administrator and Web Developer <ul style="list-style-type: none">• Developed and maintained an Information Management System and a Product Quoting System;• Maintained Linux and Windows servers and network infrastructure. <p>DJANGO SMARTCLIENT JAVASCRIPT MIKROTIK</p>
August 2011 – present	Lithuanian National Olympiad in Informatics Member of the jury and problem preparation committee <ul style="list-style-type: none">• Creating new problems for national and Baltic olympiads in informatics;• Preparing problems for use in olympiads;• Being present in the final national round and ensuring smooth running of the competition.

EDUCATION AND TRAINING

Computer Science and Electronics (Bachelor of Engineering with Honours)

University of Edinburgh, United Kingdom

September 2011

– June 2015

- Functional and object-oriented programming;
- Software engineering methodologies;
- Computer networking; operating system internals;
- Computation and logic principles;
- Algorithms and data structures;
- Computer architecture; digital system design using Verilog;
- Analog circuit design and analysis; signal and communication systems.

National Student Academy - Diploma with Honours

October 2007

– July 2011

Main topics: Version control systems, software development practices (engineering), genetic algorithms, machine translation and lexical analysis, cryptography, theory of computation, robot programming (practice with NXT platform).

High School Graduation Certificate

September 2007

– May 2011

Kaunas University of Technology Gymnasium, Lithuania

Main subjects: Mathematics, English, Physics, Informatics, Social Sciences, Economics.

School of Preparation for Olympiads in Informatics

October 2005

– June 2011

Preparation for international olympiads: algorithms, problem-solving skills, practice of programming in C++.

ACHIEVEMENTS

- International Olympiad in Informatics – silver medals in 2010 and 2011;
- JP Morgan Code for Good 2013 – runner-up;
- Best digital skills project in European Union e-Skills Week Competition 2012;
- ACM North Western European Regional Contest 2011 (University of Edinburgh Team) – bronze medal;
- Baltic Olympiad in Informatics – bronze medal in 2009, silver medals in 2010 and 2011;
- National Olympiad in Informatics – $5 \times 1^{\text{st}}$ place; laureate;
- President's Award for Achievements in Olympiads – 2010 and 2011.

Last updated on 29/09/2014