

# Dr. Iaroslav Zhbankov

## Full Stack Developer

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## Executive Summary

- Overall 7 years of engineering and academic experience in mechanical engineering
- Pivoting to expertise in JavaScript and Client-Server Applications Development
- Energetic and self-motivated engineer with a strong desire to build a career within the IT industry. Proactive and self-motivated team member. Motivated to drive the success, have a good organizational skills. Problem solving. High degree of learning skills. Ability of multitasking working under high pressure.

## Technical Skills

Skill Category	Skill List
Programming languages	JavaScript (Es5, Es6), HTML, CSS, SASS
Technologies	jQuery, Backbone, ReactJs, RequireJs, NodeJs, D3.js, Chart.js, Express
Database	MongoDB
OS	Windows
Tools	WebStorm, Terminal(cmd), Git, Npm, Waffle, Heroku, Trello
Verticals	Mechanical Engineering, Economy of Enterprises

## Foreign Language Skills

Language	Written	Spoken
English	pre-Intermediate	Intermediate

## Training Programs

**Program Name:** Front-End Development Certificate  
**Date(s) Attended:** June 2016 - November 2016  
**Status:** <https://www.freecodecamp.com/yzhbankov/front-end-certification>  
**Provider:** <https://www.freecodecamp.com/yzhbankov>  
**Description:** JavaScript Basics, HTML, CSS, Bootstrap, AJAX, jQuery, Algorithms

**Program Name:** Back-End Development Certificate  
**Date(s) Attended:** November 2016 - January 2017  
**Status:** <https://www.freecodecamp.com/yzhbankov/back-end-certification>  
**Provider:** <https://www.freecodecamp.com>  
**Description:** NodeJs, npm, Express, Git, MongoDB

**Program Name:** Data Visualization Certification  
**Date(s) Attended:** January 2017 - February 2017  
**Status:** <https://www.freecodecamp.com/yzhbankov/data-visualization-certification>  
**Provider:** <https://www.freecodecamp.com>  
**Description:** ReactJs, D3.js

## Education

**Institution:** DSEA (Donbass State Engineering Academy), Ukraine  
**Date(s) Attended:** September 2002 - June 2007  
**Qualification(s):** Magister's degree in Mechanical Engineering

**Institution:** DSEA (Donbass State Engineering Academy), Ukraine  
**Date(s) Attended:** September 2004 - May 2007  
**Qualification(s):** Specialist's degree in Economy of Enterprises

## Professional Experience

**Company:** Donbass State Engineering Academy (Kramatorsk, UA)

**Duration:** September 2007 – Present

**Role:** Associate Professor, Doctor of Technical Sciences

**Project Description:** Academic and research activities. Organization, maintenance and implementation of research projects. Concept development of new scientific directions. Management of research activities of PhD students. Management of research activities and documentation reporting. Design and creation of new technological solutions, and the documentation support on the protection of intellectual property rights. Participation / organization in international education projects and scientific conferences.

**Responsibilities:**

- Developing of the applied engineering software.
- Providing intellectual property rights protection activities (owner over 30 patents)
- Managing of research projects (5 governmental projects)
- Organisation and holding of international scientific conferences
- Participation in international EU projects (head of local team in 3 projects)
- System analysis in problem solving processes in the research activities
- Providing educational activities
- Providing research and development activities (over 100 publications in ukrainian and international journals)

**Technologies:** Visual Basic, MathCAD, AutoCAD, Kompas, SolidWorks, Inventor, Q-Form, Deform, Office.

**Company:** Europrofile (Kharkov, UA)

**Duration:** June 2014 – Present

**Role:** Engineer Designer

**Project Description:** Development of new engineering solutions in the field of mechanical engineering. Optimization of the processes and equipment for metalworking. Technical assistance of the projects. Performing the duties of project manager in the direction of the equipment, technologies and tools for metalworking. Participation in international exhibitions.

**Responsibilities:**

- Numerical analysis of strength characteristics of metal forming equipment
- Simulation of technological processes and equipment
- Optimization of technological processes and equipment
- Development of technical documentation

- Managing of research projects (2 projects)
- Technical support of productional processes
- Working with foreign customers and suppliers
- Working on international exhibitions

**Technologies:** Kompas, Deform, Q-Form