Olexii Bulhakov

Frontend Developer

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LANGUAGES

Ukranian (Native)

Russian (Fluent)

English (Upper-Intermediate, B2)

INTERESTS

photo video making

music production and audio recording

guitar and drums playing

👤 CAREER PROFILE

A beginner and aspiring front-end developer. Winner of the IT Generation (https://it-generation.gov.ua/) Scholarship. Independent energy auditor of buildings and engineering systems, thermographer.
Lecturer, assistant of the Department of Electric Power Stations (http://sites.kpi.kharkov.ua/es/HomeE) of the National Technical University "Kharkiv Polytechnic Institute" (NTU "KhPI").
Leading engineer of the operational and technical department of NTU "KhPI".

🎓 EDUCATION

Master's	Aug 2015 - Jun 2017
NTU "KhPI", Kharkiv	

- specialty "Energy management" (diploma with honors)
- qualification "research engineer"

Postgraduate	Oct 2017 - Oct 2021
NTU "KhPI", Kharkiv	

- specialty "Power Engineering, Electrical Engineering and Electromechanics"
- dissertation topic: "The choice of equipment for power supply of autonomous objects connected in a microgrid"

💼 EXPERIENCE

Leading engineer of the operational and technical department	Oct 2021 - Present
NTU "KhPI", Kharkiv	

- energy audit of buildings, structures and engineering systems of the university
- consulting activities within the investment grant of the E5P Fund (project "Higher Education of Ukraine") in the field of energy efficiency of educational, research and support facilities of universities of Ukraine

Lecturer/Assistant of the Department of Electric Power Stations	Oct 2017 - Present
NTU "KhPI", Kharkiv	

- developing and teaching the courses "Fundamentals of Thermography" and "Energy Management and Audit" in Ukrainian and English

- organizing and holding of STEM events
- training the winners of the international competition of student research papers "Black Sea Science" (paper's topic "Technical comparison of infrared heaters of longwave range")

Specialist in heating, ventilation and air conditioning
Mar 2017 - Oct 2017
Leacond-Kharkiv LLC, Kharkiv

- organizing wholesale deliveries of heat pumps
- engineering customer support

Energy Systems Engineer
Jan 2017 - Mar 2017
Monis Global Service LLC, Kharkiv

- organizing wholesale deliveries of heat pumps
- engineering customer support

Energy manager
Nov 2015 - Nov 2016
PF "Golden Section", Kharkiv

- sale, installation, commissioning and maintenance of building engineering systems
- energy audit
- thermal imaging

Numerical program control (CNC) machine operator
Jul 2014 - Sep 2014
Jul 2012 - Sep 2012
Jul 2010 - Sep 2010
JSC "Zavod Mayak", Zmiiv

- performing metalwork on the assembly line
- ensuring the continuity of production of household heating appliances
- operating CNC laser cutting machine
- operating a machine for bending CNC sheet metal
- operating CNC coordinate punching machine

📁 PROJECTS

Hass Dashboard (http://hassdashboard.infinityfreeapp.com/) - Dashboard for managing IoT devices of the "smart home" on React, Redux toolkit and RTK Query.

Hooli-style Popup (https://bulhakov.dev/hooli-style-popup/) - HTML/CSS only responsive landing page with popup menu.

JS-DOM "Pandora Fauna" (https://bulhakov.dev/js-dom/) - Interactive side menu without restarting the page using JS and DOM

My Learning Diary (https://mylearningdiary.site/) - A blog with the publication of all the tasks that I did during my studies, and my impressions of the courses I studied.

📄 PUBLICATIONS

Links to scientometric databases:

- Scopus ID: 57220856508 (https://www.scopus.com/authid/detail.uri?authorId=57220856508)

- Google Scholar (https://scholar.google.com/citations?hl=uk&user=Nv5N72UAAAAJ)

- ORCID: ID 0000-0002-3244-420X (https://orcid.org/0000-0002-3244-420X)

- Researcher ID: A-7677-2018 (https://www.webofscience.com/wos/author/record/A-7677-2018)

🔧 SKILLS & PROFICIENCY

HTML5	**CSS3**
Float, Flex, Grig	**BEM methodology**
CSS media queries	**SCSS & SASS**
Bootstrap	**JavaScript ES5 & ES6**
DOM API	**AJAX & Fetch API**
npm, npx, yarn	**React JS**
Redux toolkit	**RTK Query**
AWS EC2	**Jekyll**
Wordpress	**Git & Github**
Figma & Photoshop	**Visual Studio Code**
Prettier	**FileZilla**