



PROJECTS

PhD Researcher in Web, GIS and BIM integration - "Vilnius Tech" Vilnius, Lithuania

May 2018 - Aug 2022

- Architected and developed the project structure, including React structure, modular system, and API architecture.
- Developed and optimized the core JavaScript library, standardized and prototyped data processing.
- Proposed and implemented multiple UI and UX solutions.
- Developed numerous WebGL components.
- Managed project development, both technical and documentary, to translate groundbreaking initiatives into practical implementation.
- Investigated and analyzed multiple studies and best practices, proposed and implemented numerous ideas.
- Collaborated with multiple institutions and professionals across Europe to achieve outstanding and valuable results that have received excellent feedback from both the industry and scientific community.

Technologies:

React.js, JavaScript, HTML, SCSS, CSS, Bootstrap, PHP, REST API, SQL

WORK EXPERIENCE

Front-End Developer in Banking System - "Financial Global Solutions" Warsaw, Poland

May 2018 - May 2019

- Developed the front-end components for the Banking Transaction Management System, both transaction queue management and SWIFT/SEPA message management.
- Developed and optimized the core JavaScript library, proposed API and data standardization.
- Proposed and implemented multiple solutions for UI and UX.

Technologies:

JavaScript, HTML, CSS, Bootstrap, PHP, REST

Geoinformatics Engineer, Software Developer - "KYIVKRAFTBUD" Kyiv, Ukraine

May 2015 - Aug 2017

- Optimized and automated the company workflow through the implementation of Delphi and VBA solutions.
- Managed cartography data of Kyiv city, standardized and prototyped the data exchange functionality.
- Participated in multiple construction projects and proposed a variety of solutions.

Technologies:

Delphi, VBA, ESRI ArcGIS, TCP/IP protocol

EDUCATION

PhD in Construction Management and Real Estate
Vilnius Tech (2023) Vilnius, Lithuania

Master of Science in Urban Engineering Information Systems
Vilnius Tech (2017) Vilnius, Lithuania

Master of Science in Geoinformation Systems and Technology
Kyiv National University of Construction and Architecture (2015) Kyiv, Ukraine

SKILLS

React.js
JavaScript
HTML
CSS (SCSS)
WebGL (Three.js)
Bootstrap
PHP
REST
SQL
WordPress

SOFT SKILLS

Analysis
Automation
Communication
Critical thinking
Decision-making
Teamwork
Innovation
Leadership
Management
Optimization
Problem solving

LANGUAGES

Ukrainian: Native
English: Proficient
French: Beginner
Russian: Native