

## Objectives

Passionate for systematic and iterative procedures. High educability and deep knowledge of computer science makes me efficient in engineering and architecture that provides a logical flow of knowledge and progress.

## Experience

### 2020 – 2021 Senior FrontEnd Engineer

Deutsche Bank@Moscow.Russia

### 2019 – 2020 Senior Fullstack Engineer

Cloudwize.io /\* *Cloud Management* \*/ @Netanya.Israel

JsonSchema, TypeScript, RESTful, bash, Node, Jest, Cypress, Puppeteer, Sass, HTML5, React, Redux, ExpressJs, MySQL, MongoDB, git, CSS3, JS DOM, Webpack, GitLab CI

- Implemented IDE-like website
- Customers portal (full-stack)
- Created styling system for the company
- Built company's internal infrastructure
- Updated repositories structure for better usability

### 2018 – 2019 Lead Software Engineer

Go-Be Marketing Ltd /\* *ECommerce Company* \*/ @Tel-Aviv.Israel

JsonSchema, RESTful, Microservices, bash, HTML5, Next.js, React, Node, ExpressJs, MySQL, MongoDB, git, CSS3, ~~Apeche~~, PHP, jQuery, ~~WordPress~~, ~~Monolith~~, nginx

- Communicating with outsources, supports, consulting affiliates Support and fast solving common operational issues Continuous deployment
- Software integrations with delegated configurations
- Legacy code solving
- Built websites and landing pages

### 2015 – 2017 Software Engineer

Intetics Inc /\* *Out-staff company* \*/ @Kharkiv.Ukraine

Area9 /\* *SaaS company* \*/ @Copenhagen.Denmark

Reactive, Functional, React, RxJs, TypeScript, JavaScript, Node, MySQL, <canvas>, ~~Apeche~~, ~~PHP~~, Python, Haxe, nw.js, pixi.js

- Web client for media viewing with mobile optimizations
- Extended Compiler, Type system, Running platform and Build system of Proprietary programming language
- Backend service for PDF resources conversion and storage
- Implemented algorithm of specifications learning from examples for Programming by example system

### 2014 – 2015 Freelance Developer

Eikoncraft /\* *Outsource company* \*/ @Dallas.USA

JavaScript, Reactive

- Created internal timelog system

### 2008 – 2014 Co-Founder, Branch Manager

New Educational Initiatives Llc /\* *eLearning company* \*/ @Moscow.Russia

MySQL, JavaScript, C++, ~~PHP~~, OpenCV

- Managing branch, hiring, and training staff eLearning production
- Researched automation of video and text processing

## Competences

JsonSchema, TypeScript, bash, git, Jest, Cypress, HTML5, CSS3, Sass, MySQL, MongoDB, JavaScript, Node, ExpressJs, React, Next.js, Redux

*XP, TDD, Coverage 100%, SOLID, DRY, KISS, YAGNI, OOP-PBP, RESTful, Microservices, MVC, Design by contract, PureCss, BEM*

## Projects

### git-hooks-wrapper

Wrapper scripts for Git Hooks

bash, git

### postcss-d-ts

PostCSS plugin to generate `.d.ts` of all used CSS classes and ids in imported stylesheets

TypeScript, Node

### react-classnaming

Tools to establish CSS classes as an explicit abstraction layer and to handle it as an interface between React and CSSStyleDeclaration

TypeScript, ES6

## Education

### 2012 – 2014 Master of Computer Science

Institute of Cybernetics@Kyiv.Ukraine

Institute of Physics and Technology@Moscow.Russia

- Software Engineering
- System Engineering
- Information fluctuation complexity
- Neural networks

### 2006 – 2012 Bachelor of Applied Mathematics

Institute of Physics and Technology@Moscow.Russia

MySQL, C, C++, OpenMPI

- Programming language theory
- Parallel programming
- Databases
- Mathematical analysis and statistics
- Mathematical optimization
- Computational complexity
- Data structures
- Algorithms and calculus methods

### 1996 – 2006 Awardee of international and republic Math olympiads

Physics and Mathematics Lyceum #27@Kharkiv.Ukraine

- Boolean algebra
- Discrete mathematics
- Geometry
- Probability theory

## Languages

- English: Fluent
- Hebrew: Basic
- Ukrainian: Mother tongue
- Russian: Mother tongue
- JavaScript: Native speaker