# Andrii Kirmas

## Senior Software

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HTML    PDF    `npm install @kirmas/cv`

## 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

### 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 utils  CSS  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 /*Sales Company*/ @Tel-Aviv.Israel

JsonSchema  RESTful  Microservices  bash  Html5  Next.js  React  Node  ExpressJs  MySQL  MongoDB  git utils  CSS  Apache  ~~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 @Kharkiv.Ukraine, Area9 @Copenhagen.Denmark

Reactive  Functional  React  RxJs  TypeScript  JavaScript  Node  MySQL  <canvas>  Apache  ~~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 /*Software service 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

XP  TDD  Coverage 100%  SOLID  DRY  KISS  YAGNI  semver  Reactive  Functional  OOP-PBP  RESTful  Microservices  MVC  Contract  JsonSchema  TypeScript  bash  git hooks  git config  Jest  Cypress  Puppeteer  Html5  CSS3  PureCss  Sass  BEM  AtomicCSS  MySQL  MongoDB  JavaScript  ExpressJs  Node  AJAX  React  Redux  RxJs  Next.js  eslint  stylelint

## Education

### 2012 - 2014 Master of Computer Science

Institute of Cybernetics @Kyiv.Ukraine. Institute of Physics and Technology @Moscow.Russia

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

### 2006 - 2012 Bachelor of Applied Mathematics

Institute of Physics and Technology @Moscow.Russia

MySQL  C  C++  OpenMPI

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

### 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