

# Alex Zhyrytovskiy

Software Developer

## Personal Information



Name: Alex Zhyrytovskiy

Date of birth: April 20, 1990

Location: Kiev, Ukraine

Contacts

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Language skills:

English, Russian, Ukrainian

Portfolio: <http://alex.zhyrytovskiy.x10.name/>

## Technical Skills

Skill category	Skill list
Web development	JavaScript (ES5), JQuery, HTML, CSS, PHP, MySQL, PSD2HTML
Software development	C, C++, Delphi
Design	Photoshop, Illustrator
Other languages	Pascal, C#, Python, Java, Basic, Assembler
Algorithms	2D graphics, software 3D rendering, image processing, video processing, sound processing, text parsing, cryptography, date and time manipulations, color space manipulations
Version control	GIT, SVN
Operation system APIs	WinAPI (Windows), X11 (Linux), AppKit (Mac OS X)

## Work history

Organization	Period	Title	Responsibilities
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	Sep 2019 – Now	Developer (remote)	Working on my own
GleanView LLC Florida, Jacksonville <a href="https://gleanview.com/">https://gleanview.com/</a>	May 2014 – Sep 2019 (5 years)	Lead Front-end Developer (remote)	- User interface development 1 by 1 according to provided designs; - Visual component development (Calendars, Diagrams, Graphs, Popups, WYSIWYG); - Front-end algorithm development (date time manipulations, parsing).
Park Firm LLC New York	Aug 2016 – Mar 2017 (6 month)	Lead Developer (remote)	- UI development according to provided designs; - Visual component implementation (buttons, checkboxes, switches, color dialogs, calendars, popups, scroll boxes, error tooltips, WYSIWYG);
Web Format Company Kiev, Ukraine	Apr 2014 – Feb 2015 (6 month)	Web Developer	- Fixing existed projects; - Agreement data base development (used for fast search and filtering between big amount of agreements); - Electronic education project development (cloud based service which has lots of schools. Each school has its own subdomain and database. Each school has: system administrator, director, teachers, parents and pupils. Main points of the system are: lessons journal, bells schedule, lessons schedule for teaches and pupils, mark book with home tasks).

<b>Education History</b>				
Department / University	Period	Major	Degree	Graduation Year
Software of automated systems / Open International University of Human Development "Ukraine" (Ukraine)	2012-2014	Software Engineering	<b><i>Master of software analytics and multimedia</i></b>	2014
Software of automated systems / Open International University of Human Development "Ukraine" (Ukraine)	2009-2012	Software Engineering	<b><i>Bachelor</i></b>	2012
Computer Science and Software Engineering / National Chiao Tung University (Taiwan)	2007-2009	Computer Science	<b><i>Bachelor (uncompleted)</i></b>	
Completion of IT Training courses (Photoshop, Flash, PHP, HTML, Java, Android), sponsored by World Friends IT Volunteers, Republic of Korea			<b><i>Certificate</i></b>	2013
Completion of C# course, sponsored by Microsoft IT Academy			<b><i>Certificate</i></b>	2006

<b>Research &amp; Own Project Development</b>			
Period	Title	Description	Used technologies

2019-2020	Alex Player <a href="http://alex.player.x10.name/">http://alex.player.x10.name/</a>	Audio player plugin for Wordpress	HTML, CSS, Javascript
2019	Media Engine <a href="http://media-engine.x10.name/">http://media-engine.x10.name/</a>	Designed to play, visualize and process real time audio in web browser	HTML, CSS, Javascript
2019	Crossplatform Magic Function <a href="http://func.x10.name/">http://func.x10.name/</a>	This function designed to work under Windows + Linux + Mac OS	TCC, GCC, C Language, WinAPI, X11, Appkit, Notepad++
2004 - 2019	Screensaver collection <a href="http://screensavers.x10.name">http://screensavers.x10.name</a>	History: - Since 2004 – Screensavers were written in Delphi language - 2012 – Screensavers were rewritten to C language - 2019 – Created new website	TCC, C Language, Win32 API, Notepad++
2014	The Fractal Project <a href="http://fractal.x10.name/">http://fractal.x10.name/</a>	Website for displaying Mandelbrot fractal in web browser	HTML, CSS, Javascript
2008 - 2013	Video player engine <a href="http://dsengine.x10.name/">http://dsengine.x10.name/</a>	Initially there was goal to write video player, but the project was temporary stopped, and it was published as a library	Delphi, DirectShow, COM
2012	Calculator with syntax analyzer	Development of improved type of calculator, that could calculate complicated mathematical equations	TCC, C Language, Parsing, Notepad++
2005	Picture editor	This editor was created for fast conversion of multiple series of wallpapers to mobile phone screens, also it has some image processing filters	Delphi

## Commercial Project Development

Organization	Period	Title	Responsibilities
Abyssynian Cats and Mekong Bobtails Cattery (Russia)	2012-2013	Cattery website	<ul style="list-style-type: none"> <li>- Creating web site by given design;</li> <li>- Creating administration panel;</li> <li>- Search engine optimization;</li> <li>- Website maintenance;</li> <li>- Automated printing of kitten's pedigree.</li> </ul>
KRA	2012	KRA rapper website <a href="http://kingkra.x10.name">http://kingkra.x10.name</a>	<ul style="list-style-type: none"> <li>- Creating web site by given design;</li> <li>- Creating administration part to manipulate website materials.</li> </ul>
International University of Human Development "Ukraine" (Ukraine)	2010	Sport competitions website <a href="http://go-sport.x10.name">http://go-sport.x10.name</a>	<ul style="list-style-type: none"> <li>- Automated registration of participants;</li> <li>- Finalizing the results and publishing them on website;</li> <li>- Automation of printing diplomas for all participants.</li> </ul>