Ionut Costica

Full Stack Web Developer

Hello, I'm Ionut! I'm a Full Stack Web Developer & Web Application Developer.
I'm *passionate* about making great web sites & applications, both client and server-side.
I love creating programs with *engaging interfaces* and a *streamlined user experience*.
I like code that is *performant*, *elegant* and easily *maintainable*.
I'm very interested in the Web in general and JavaScript in particular.
I enjoy learning and experimenting with new technologies.

PROFILE

FULL NAME

Ionut Costica

BORN

20 May 1986

Timisoara, Romania

LINKEDIN PROFILE

https://www.linkedin.com/in/ionutcostica

GITHUB PROJECTS & CONTRIBUTIONS

https://github.com/souldreamer

CODEPEN PLAYGROUND

http://codepen.io/souldreamer

WORK EXPERIENCE

JANUARY 2012 - CURRENT (4 YEARS, 1 MONTH)

SC AEM SA

Web Application Developer

Developing B2B customized Intranet Web Applications for AMR (Automated Meter Reading), meter configuration and report generation. AEM SA is one of the biggest electricity meter producers of the country and the application is used by all the major national electricity suppliers.

Technologies
Back-end: C#, ASP.NET, DevExpress, Microsoft SQL Server, MongoDB
Front-end: HTML5, CSS3, JavaScript, JQuery
Additionally, worked on improving the user interface and user experience of the application, and convinced the management to let me implement a caching system using MongoDB as a storage layer, which greatly improved overall performance and user experience.

SEPTEMBER 2011 - JANUARY 2012 (4 MONTHS)

West University of Timisoara Students' Union

Web Developer

Website optimization, database administration & optimization

Wordpress plug-in development

Technologies
Back-end: PHP, MySQL
Front-end: HTML, CSS, JavaScript, Mootools

MAY 2011 - JULY 2011 (3 MONTHS)

Yale University, professor Richard Yang

Undergraduate Researcher

Android application development using Adobe Flash & Adobe Flex.

Technologies
Applications: Adobe Flash, Adobe Flex

MARCH 2008 - MAY 2009 (1 YEAR, 3 MONTHS)

Maya (student group at *Yale University*)

Web Designer & Web Developer (part-time)

Web Design & Web Development for various other on-campus student groups.

JULY 2008 - SEPTEMBER 2008 (3 MONTHS)

Yale University, professor Holly Rushmeier

Undergraduate Researcher in Computer Vision & Computer Graphics

MARCH 2005 - AUGUST 2006 (1 YEAR, 6 MONTHS)

Freelance

Web Developer

Various Web Development and Web Design projects.

OCTOBER 2004 - FEBRUARY 2005 (5 MONTHS)

Wolfgang Engel

3D Graphics Programmer

3D Graphics programming (HLSL/GPU assembler), especially procedural algorithms for texture and object generation in real-time, working with the editor of the "ShaderX" book series.

CERTIFICATIONS

APRIL 2015

MongoDB Certified Developer Associate Level

The MongoDB Certification Program

Verify at https://university.mongodb.com/exams/display_certificate?license1=985&license2=645&license3=855
(*License #*: 985-645-855)

1999

Certified C/C++ Programmer

International Computer School

Certified by the *Romanian Ministry of Education*

COURSES

DECEMBER 2015 - CURRENT

Senior Web Developer Nanodegree

Udacity
(https://www.udacity.com/course/senior-web-developer--nd802)

Taking course to build my code portfolio and continue learning new technologies

MARCH 2015 - MAY 2015

M101JS: MongoDB for Node.js Developers

MongoDB University
(http://university.mongodb.com/)

Finished course with a score of 100% placing me in the top 6% of the approximately 5000 students taking it.

Advanced Rendering

viCampus

Taught by *Wolfgang Engel*, editor of the *ShaderX* book series

Introduction to 3D Programming

viCampus

EDUCATION

SEPTEMBER 2007 - JUNE 2011

Bachelors Degree - Computer Science (candidate)

Yale University in New Haven, Connecticut, USA

SEPTEMBER 2005 - JUNE 2007, SEPTEMBER 2014 - SEPTEMBER 2015

Bachelors Degree - B.Sc. Computer Science in English

West University of Timisoara in Timisoara, Romania

PROFESSIONAL SKILLS

Web Development (Front-end)   *90%*

HTML5

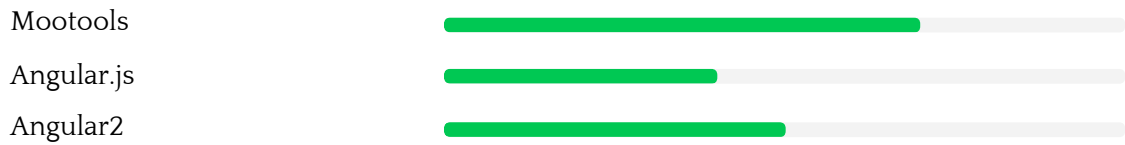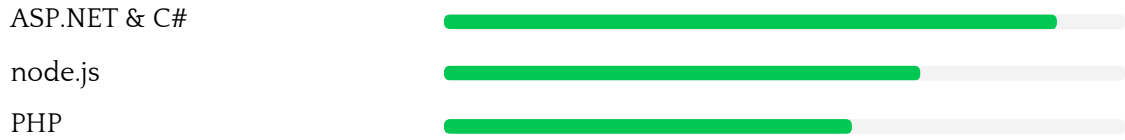CSS3

LESS/SASS

JavaScript

JavaScript (ES6)

TypeScript

jQuery

Mootools

Angular.js

Angular2

Web Development (Back-end) — *90%*

ASP.NET & C#

node.js

PHP

Database Programming — *85%*

Microsoft SQL Server

MongoDB

MySQL

General Programming — *85%*

C#

C++

Python

Java

Algorithms

3D Programming — *70%*

Graphics Algorithms

HLSL, GLSL, GPU Assembler

OpenGL

DirectX

Maya plug-in development (MEL script/C++)

Blender plug-in development (Python)

Graphic/Web Design — *60%*

Adobe Photoshop

Adobe Illustrator

Adobe Flash

UI/UX

PERSONAL SKILLS

Passion

Creativity

Learning

Teamwork

Leadership

Black Magic (Coding =)

CONTACT

ADDRESS

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