

Resume

Diego Gabriel Castillo Moreno

Age: 23 years old.

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Software Developer

I am a passionate software developer who seeks to become not only a better professional, but also a better human being every day. I seek to serve others with what I do and help to create technological advances which can contribute to solving social issues.

Education

Harding University - AR, USA

B.S. Computer Science - (2010-2014)

- Academic Honors:
 - Magna Cum Laude.
 - Best computing seminar for 2014 spring semester.
- Senior Software Capstone Project:
 - Project: Worked as part of a five-member team on the development of a replica for the board game Pentago. I was in charge of designing the artificial intelligence component with three different levels of difficulty.

Language Proficiency

- Spanish – Mother tongue.
- English – Advanced (speaking, reading, writing).

Work Experience

Modus Operandi - Panama, Panama

Front End Developer - (September 2014 – Present)

- At Modus Operandi I assist in the development of modern and interactive web applications. My primary responsibilities include developing interfaces which are functional, easy to use and understand, and last but not least; easily scalable.

Acciona Solutions - Panama, Panama

Web Developer Intern - (May 2013 - July 2013)

- As a part of the software developers at Acciona Solutions I was in charge of writing code, either from scratch or by adapting existing code and graphics to meet new business requirements as well as testing web applications and projects to identify any technical problems.

HUPS - AR, USA

Student Programmer - (January 2013 – May 2013)

- At HUPS (Harding University Public Safety) I received software developer training. I had to modify existing software to adapt it to new business requirements, upgrade interfaces, and direct software programming and development of documentation.

Programming Languages

- C++, C#, Java, JavaScript, PHP, SQL.

Technologies Summary

- NPM, Bower, Git, GruntJS, jQuery, Laravel, SASS, BackboneJS, Yeoman, MySQL, AngularJS.

Projects and Research

- **RESTodo Auth**
 - A simple to-do application created with the Laravel PHP framework for the backend and BackboneJS for the frontend with session authentication features.
(<https://github.com/diegocasm/RESTodo-auth>)
- **RESTodo**
 - A to-do application created with the Slim PHP framework for the backend (integrated with Eloquent ORM and Respect Validation) and BackboneJS for the frontend.
(<https://github.com/diegocasm/RESTodo>)
- **CakePHP: The Rapid Development PHP Framework**
 - A paper written to explore the CakePHP framework, the implementation of the MVC software design pattern of it, what it is built for, and some of its best features to help developers accomplish different type of tasks in an easier way.
(http://diegocasm.me/files/cake_php_seminar.pdf)
- **Fractal Sets and Web Workers**
 - An application which generates a graphic representation of either the Mandelbrot or the Julia set based on the configuration chosen by the user using Web Workers.
(<http://www.diegocasm.me/fractalsets/>)
- **Schelling Model Simulation**

- A simulation of Thomas Schelling's Model of Segregation for the web.
(<http://www.diegocasmome/schellingModel/>)
- **Tic-Tac-Toe computer player using Alpha-beta pruning**
 - An implementation of the popular game Tic-Tac-Toe for the web using a variation of the Alpha-beta pruning algorithm for the artificial intelligence component of it.
(<http://www.diegocasmome/tic-tac-toe-alpha/>)
- **Tic-Tac-Toe computer player using Minimax**
 - An implementation of the popular game Tic-Tac-Toe for the web using a variation of the Minimax algorithm for the artificial intelligence component of it.
(<http://www.diegocasmome/tic-tac-toe-minimax/>)

Interests and Activities

- Beneficiary of the Walton International Scholarship Program for undergraduate studies in USA.
(August 2010 – May 2014)
- Aspiring member of the Club Rotaract in Chitre, Panama. (February 2015 - Present)
- Member of the organization Jesus Project (now Share Smiles <http://share-smiles.org/>) in AR, USA.
(August 2012 - May 2014)
 - Public relations officer. (January 2013 - May 2013)
 - Multimedia officer. (May 2013 - May 2014)
- Github account: <https://github.com/diegocasmome>