

# NIKOLAS MOYA

Computer Scientist ◊ nikolasmoya@gmail.com ◊ <http://nikolasmoya.com> ◊ Brasil

## EDUCATION

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### University of Campinas, Campinas, Brasil

March 2013 - March 2015

MSc in Computer Science

Thesis: Interactive Segmentation of Multiple 3D Objects in Medical Images by Optimum Graph Cuts.

Advisor: Professor Dr. Alexandre Xavier Falcão

Overall GPA: 3.9 (max 4).

### Pontificia Universidade Católica do Paraná, Curitiba, Brasil

February 2009 - December 2012

B.S in Computer Science

Monograph: Neighborhood based techniques for image stitching.

Advisor: Professor Dr. Jacques Facon

Average grade: 8.6 (max 10).

Member of the Computer Science student club.

## EXPERIENCE

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### Marvel

London, United Kingdom

Software Engineer (Contract)

February 2015

- Marvel is a mobile and web prototyping tool with over 120k users. <http://marvelapp.com>
- Developed a new feature into their existing application to improve the prototyping experience.
- Technologies used: OpenCV, C++.

### Exxon Mobil Corporation

Curitiba, Paraná

Intern

January 2012 - June 2012

- Monitored and fixed faulty jobs in the automation system along with other offices in Asia and Europe.
- The batch system is used by a majority of Exxon's employees.
- Technologies used: Software UC4, SQL, Visual Basic.

### Boxmob

Curitiba, Paraná

Software Engineer

August 2010 - December 2011

- Development of a virtual trainer that based on your health condition suggests running exercises.
- The platform has several Views (Android, iOS, and Web) and over 10k registered users.
- Technologies used: PHP (CodeIgniter), Javascript, JQuery, Python, MySQL, REST, SVN.

## TECHNICAL STRENGTHS

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### Algorithms

Strong knowledge in Algorithms and Data Structures.

### Computer Languages

C/C++, Python, PHP, Javascript, LaTeX.

### Frameworks and Standards

CodeIgniter, CherryPy, MVC, REST.

### Platforms

MacOS, Ubuntu, Raspberry Pi, and Windows.

### Databases

MySQL and Parse.com.

### Softwares

SVN, Git, and Sublime Text.

### Familiar

Java and several languages and libraries.

## ADDITIONAL

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### Languages

Native Portuguese and Proficient English (TOEFL iBT).

### Extra

Participant of several Facebook Hackathons, Game Jams, and ACM programming contests (Top 5).