

# NIKOLAS MOYA

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

## 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

Research funding granted by CAPES and FAPESP

Overall GPA: 3.9 (max 4).

### Pontifícia 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

Overall GPA: 8.6 (max 10).

## EXPERIENCE

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### Marvel

February 2015

Software Engineer

London, United Kingdom

- Developed a new feature into their existing application <http://marvelapp.com>
- Technologies used: OpenCV, C++.

### Exxon Mobil Corporation

January 2012 - June 2012

Intern

Curitiba, Paraná

- Assure the quality of the system along with the other offices in Asia and Europe.
- Technologies used: Software UC4, SQL, Visual Basic.

### Boxmob

August 2010 - December 2011

Software Engineer

Curitiba, Paraná

- Development of a virtual personal trainer that based on your health condition provides appropriated running exercises.
- 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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### Google Scholar

<https://scholar.google.com.br/citations?user=vZT6WYIAAAAJ>

### Languages

Native Portuguese and Proficient English (TOEFL iBT).

### Extra

Participant of several Facebook Hackathons, Game Jams, and ACM programming contests.