

# NIKOLAS MOYA

Software Engineer ◇ nikolasmoya@gmail.com ◇ nikolasmoya.com

## EDUCATION

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### University of Campinas, Campinas, Brasil

March 2013 - March 2014 (*expected*)

MSc in Computer Science

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

Advisor: Professor Dr. Alexandre Xavier Falcão

Field: Computer Vision

Research funding granted by CAPES

Overall GPA: 3.9 (max 4).

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

Fev 2009 - Dec 2012

B.S in Computer Science

Monograph: Neighborhood based techniques for image stitching.

Advisor: Professor Dr. Jacques Facon

Field: Computer Vision

Overall GPA: 8.6 (max 10).

## EXPERIENCE

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### Exxon Mobil Corporation

January 2012 - June 2012

*Intern*

*Curitiba, Paraná*

- Supporting Batch Team.
- 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*

- Startup environment.
- 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.

### Undergraduate Research Project

July 2009 - July 2010

*Undergraduate researcher*

*Curitiba, Paraná*

- Research funding granted by CNPq.
- A multiple-filter, multiple wrapper approach to select a set of expressive genetic attributes.
- Technologies used: Java, Weka library.

## TECHNICAL STRENGTHS

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### Computer Languages

C, Python, PHP, Node.js, JavaScript, JQuery, LaTeX.

### Frameworks and Standards

CodeIgniter, CherryPy, AngularJS, XML, JSON.

### Platforms

MacOS, Ubuntu, and Raspberry Pi.

### Databases

MySQL and Redis.

### Softwares

SVN, Git, and Sublime Text.

## ADDITIONAL

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<b>Languages</b>	Native Portuguese and Proficient English (TOEFL iBT).
<b>Volunteer Work</b>	Taught basic computering to children.
<b>Extra</b>	Participant of several Facebook Hackathons, Game Jams, and ACM programming contests.
<b>Hobby</b>	Photography enthusiast.