

NIKOLAS MOYA

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

EDUCATION

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

Field: Computer Vision

Research funding granted by CAPES and FAPESP

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

Field: Computer Vision

Overall GPA: 8.6 (max 10).

EXPERIENCE

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

- 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.

TECHNICAL STRENGTHS

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

Google Scholar	https://scholar.google.com.br/citations?user=vZT6WYIAAAAJ
Languages	Native Portuguese and Proficient English (TOEFL iBT).
Volunteer Work	Taught basic computing to children.
Extra	Participant of several Facebook Hackathons, Game Jams, and ACM programming contests.
Hobby	Photography enthusiast.