

NIKOLAS MOYA

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

EDUCATION

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

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

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 Parse.com.

Softwares

SVN, Git, and Sublime Text.

ADDITIONAL

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