

NIKOLAS MOYA

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

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

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

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

Algorithms

Strong knowledge in Algorithms and Data Structures.

Computer Languages

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

Frameworks and Technologies

CodeIgniter, CherryPy, MVC, Git, SVN, REST.

Platforms

MacOS, Ubuntu, Raspberry Pi, and Windows.

Databases

MySQL and Parse.com.

Familiar

Java and several languages and libraries.

ADDITIONAL

Languages

Native Portuguese and Proficient English (TOEFL iBT).

Extra

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

Hobby

Photography and Playstation enthusiast. My cat is called *If*.