

NIKOLAS MOYA

Computer Scientist ◊ nikolasmoya@gmail.com ◊ nikolasmoya.com ◊ Brasil

EDUCATION

University of Campinas, Campinas, Brasil

March 2013 - March 2015

MSc in Computer Science

Overall GPA: 3.9 (max 4).

Researched and developed a new interactive segmentation algorithm based in optimum graph cuts

Advisor: Professor Dr. Alexandre Xavier Falcão

Pontifícia Universidade Católica do Paraná, Curitiba, Brasil

February 2009 - December 2012

B.S in Computer Science

Overall GPA: 8.6 (max 10) (Top 5% of the class)

Developed neighborhood based technique for image stitching in my senior year

Member of the Computer Science student club; Lead organizer of CS Education Week event

EXPERIENCE

Marvel (<http://marvelapp.com>)

London, United Kingdom

Software Engineer (Contract)

February 2015

- Designed and implemented feature to improve mobile prototyping experience for product used by 120k+ users
- Technologies used: OpenCV, C++

Exxon Mobil Corporation

Curitiba, Paraná

Intern

January 2012 - June 2012

- Monitored and fixed faulty jobs in UC4 automation system, used by 15k Exxon's employees.
- Technologies used: Software UC4, SQL, Visual Basic

Boxmob

Curitiba, Paraná

Software Engineer

August 2010 - December 2011

- Lead developer for virtual trainer that based on your health condition suggests running exercises
- Product runs in several platforms (Android, iOS, and Web) for 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)

Extracurricular

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

Hobbies

Photography and Playstation enthusiast; Taking care of my cat *If*, hoping to acquire another cat and naming it *Else*