

# NIKOLAS MOYA

Computer Scientist ◇ nikolasmoya@gmail.com ◇ nikolasmoya.com ◇ Netherlands

## EDUCATION

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### 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

### Pontificia 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

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### Work & Co (<http://work.co>)

New York, United States

Software Engineer

July 2015 - Present

- Led the work in an architecture to share code between Android and iOS apps.
- Developed the first Android app for Virgin America, which will launch later in 2016.
- Technologies used: Java and Lua.

### 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++

### 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

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### Algorithms

Strong knowledge in Algorithms and Data Structures

### Computer Languages

C/C++, Python, PHP, Javascript, Java, Lua, LaTeX

### Frameworks and Technologies

CodeIgniter, ReactJS, Git, REST APIs

### Platforms

MacOS, Ubuntu, Raspberry Pi, and Windows

### Databases

MySQL

### Familiar

SQL and several languages and libraries

## ADDITIONAL

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### 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*