

# ma. fernanda **rodríguez r**

MULTIMEDIA ENGINEER

Campinas - São Paulo, Brazil

✉ mafda13@gmail.com | 🏠 mafda.github.io/ | 📷 mafda | 🌐 mafdarodriguezr

*"When faced with a challenge, get smarter." - Ed Catmull*

## education

### PhD Student in Electrical and Computer Engineering

Campinas - SP, Brazil

UNIVERSIDADE ESTADUAL DE CAMPINAS - UNICAMP

Aug. 2015 - PRESENT

- Augmented reality and Deep Learning.

### MSc. in Mechanical Engineering

Campinas - SP, Brazil

UNIVERSIDADE ESTADUAL DE CAMPINAS - UNICAMP

2012 - 2014

- Development of a hybrid localization system for autonomous navigation of ground vehicles in a simulated environment.

### Multimedia Engineering

Bogotá, Colombia

UNIVERSIDAD MILITAR NUEVA GRANADA - UMNG

2004 - 2009

- Development of a virtual an object of learning for management training of animal models in research processes.

## skills

<b>Programming</b>	Python, Git, LaTeX
<b>Web</b>	HTML/CSS, Jekyll, WordPress, PHP/MySQL
<b>CAD</b>	Maya, 3ds Max
<b>Systems</b>	Linux/Unix, Mac OS X
<b>Languages</b>	Spanish, English, Portuguese

## experience

### Parexton The web design co.

Freelance

SENIOR WEB DESIGNER

2010 - 2015

- Design, development and maintenance of websites.
- Development of SEO strategies.
- Corporate image design and brand.

## courses & certifications

2018	<b>Deep Learning and Computer Vision A-Z: OpenCV, SSD &amp; GANs</b> , Online	Udemy
2018	<b>Zero to Deep Learning with Python and Keras</b> , Online	Udemy
2018	<b>Redes Neurais Artificiais em Python</b> , Online	Udemy
2010	<b>Materials, hair, cloth &amp; character rigging 3DS MAX 2011</b> , Bogotá, Colombia	Autodesk
2010	<b>Character Modeling 3DS MAX 2011</b> , Bogotá, Colombia	Autodesk
2010	<b>Advertising Animation 3DS MAX 2011</b> , Bogotá, Colombia	Autodesk

## publications

### Jornal da Unicamp

Campinas, SP - Brazil

NAVEGAÇÃO SEM CONDUTOR, MAS SEGURA

Nov. 2014

- Engenheira desenvolve método de localização, baixando custo de mobilidade autônoma.