ma. fernanda **rodríguez r.**

MULTIMEDIA ENGINEER

Campinas - São Paulo, Brazil

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

education

PhD Student in Electrical and Computer Engineering *Campinas — SP, Brazil*
UNIVERSITY OF CAMPINAS — UNICAMP *Aug. 2015 — PRESENT*
- Augmented reality and Deep Learning.

MSc. in Mechanical Engineering *Campinas — SP, Brazil*
UNIVERSITY OF CAMPINAS — UNICAMP *2012 — 2014*
- Development of a hybrid localization system for autonomous navigation of ground vehicles in a simulated environment.

Multimedia Engineering *Bogotá, Colombia*
NUEVA GRANADA MILITARY UNIVERSITY — UMNG *2004 — 2009*
- Development of a virtual an object of learning for management training of animal models in research processes.

courses & certifications

2019	**Introduction to Machine Learning & Deep Learning in Python**, Online	*Udemy*
2019	**Master Computer Vision OpenCV3 in Python & Machine Learning**, Online	*Udemy*
2018	**Deep Learning and Computer Vision A-Z: OpenCV, SSD & GANs**, Online	*Udemy*
2018	**Zero to Deep Learning with Python and Keras**, Online	*Udemy*
2018	**Redes Neurais Artificiais em Python**, Online	*Udemy*
2010	**Materials, hair, cloth & character rigging 3DS MAX 2011**, Bogotá, Colombia	*Autodesk*
2010	**Character Modeling 3DS MAX 2011**, Bogotá, Colombia	*Autodesk*
2010	**Advertising Animation 3DS MAX 2011**, Bogotá, Colombia	*Autodesk*

skills

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

publications

Jornal da Unicamp *Campinas, SP — Brazil*
NAVEGAÇÃO SEM CONDUTOR, MAS SEGURA *Nov. 2014*
- Engenheira desenvolve método de localização, baixando custo de mobilidade autônoma.

experience

Parexton The web design co. *Freelance*
WEB DESIGNER *2010 — 2015*
- Design, development and maintenance of websites.
- Development of SEO strategies.
- Corporate image design and brand.