



Vasco Magalhães Ramalho

Born on: 22nd of May of 1992

Nationality: Portuguese

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EDUCATION

Master in Physics

Ludwig Maximilian Universität & Technische Universität München [Munich, Germany]

Master Research - Plasma Rings

Leiden University [Leiden, Netherlands]

Bachelor Engineering Physics

Instituto Superior Técnico [Lisbon, Portugal]

SKILLS

Software

Python | JavaScript | C++ | MatLab | Autodesk CAD | Android | Mathematica | SQL

Data Science Course

Python for Data Scientists *DataCamp*

Mechanical Workshop Course IST [Lisbon, Portugal]

Drawing & Manufacturing Prototypes

Electronics

Micro-processor | Electric Circuits

Painting Course

Leiden University [Leiden, Netherlands]

PROFESSIONAL EXPERIENCE

OUT. 2016 to
Present

Portugal-China Young Entrepreneurs [Pearl River Delta, China; Lisbon, Portugal]

Development of a trading platform for Portuguese SME that want to settle in China. This work consisted in reporting to senior management information on the Chinese Market opportunities. The highlight of my activity was a 3 months project in Chongqing where I gave the first steps to the establishment of a Portuguese Consulate in Southwest China.

SET. 2015 to
SET. 2016

Researcher Leiden University Quantum Optics Group [Leiden, Netherlands]

Master Thesis project where I worked over a year in an Optics Lab studying the magnetic confinement properties of laser induced plasma rings. This work was done under the supervision of Prof. D. Bouwmeester.

MAY. 2015 to
JUL. 2015

Project Assistant Max Planck Institut für Quantenoptik [Munich, Germany]

Development of a phase synthesiser for an ultra-short laser pulse (femto second). I drew the 3D model (Inventor Autodesk) that was then build by the a precision workshop. This work was done under the supervision of Dr. Martin Schultze.

APR. 2014 to
AUG. 2014

Internship Technische Universität München [Munich, Germany]

Usage of finite elements methods for the application study of the “Chain Fountain” phenomena. The study was made using multi body simulation methods and Lagrangian mechanics. This work was done under the supervision of Dipl.-Ing. Johannes Mayet.

LANGUAGES

Portuguese: Native

English: Fluent [TOEFEL ibt 104]

German: Intermediate [B2 Level]

Spanish: Advanced

STRONG QUALITIES

- > Eclectic
- > Passionate
- > Communication
- > Initiative and Pragmatic
- > Creative

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CREATIVE EXPERIENCE

- MAY. 2009 to Present** **Musician/Composer** *Os Capitães da Areia* [\[Portugal\]](#)
Founder member of the Portuguese Pop band “Os Capitães da Areia”. Band inspired in the 80’s sounds of the Portuguese music panorama. With a ‘summery’ and spatial imagery we tried to combine story telling with music in a very engaging way.
Our music can be heard [here](#) and the music videos [here](#).
- AGO. 2016** **Assistant Producer** *Leopardo Filmes* [\[Lisbon, Portugal\]](#)
Assistant producer at “The man who killed Don Quixote” by Terry Gilliam (Monty Python). pre production work on the set up of the Director’s Studio and Director personal assistant.
- NOV. 2015 to JUN. 2016** **Leiden Art Club** *Leiden University* [\[Leiden, Netherlands\]](#)
Creation of an Art Club for Leiden Univ. students. This project had the objective of developing different fine arts technique as well as a critical view of the created work. It consisted of weekly meetings and discussions.
- MAR. 2010 to MAR. 2014** **Cultural Talks House Veva de Lima** *Lisbon City Hall* [\[Lisbon, Portugal\]](#)
Host on the cultural talks that took place at Casa Veva de Lima. Guiding the visitors and give a brief overview of the history behind the house, providing a context for the talk that followed.

OTHER ACTIVITIES AND INTERESTS

Conferences and Cultural Events

Estoril Conferences “Global Challenges, Local Answers” [May 2013](#)

LSE London “Global Debate 2013” [October 2013](#)

Munich Film Festival 2014 | San Sebastian Film Festival 2014 | Munich Documentary Film Festival 2014

London Film Festival 2013 | Bienal de Veneza 2013 | Estoril Film Festival 2009 |

Social Work

Participant at *Children International Summer Village* [CISV] Summer camp where the dialogue between different cultures is promoted. 2004 [\[Portugal\]](#)

Volunteer at *Banco Alimentar*, a social organisation that distributes collects and distributes food in institutions. Each year they have national campaigns. [\[Portugal\]](#)

Cinema Creations

“The Berbere Revolution” - Script of a documentary shot in Morocco about the Berbere Revolution.

“1498” - script of a Documentary shot around Portugal about the Portuguese identity.

“Tudo me passa ao lado” - Production and Acting for a short movie for the 48Film Festival

“Forcados” - Production of a Documentary about the Bull Fighters in Portugal.

“The Unknowns” - Soundtrack for a short film for the University of Westminster London

Munich Amateur Theatre Group

Actor and musician in the play “The Bachae” by Euripides. I played the old king “Cadmos”. 2014 [\[Munich, Germany\]](#)

Sports

Kayak | Cascais Rugby [2002 a 2008] | Rugby National Team [2006 a 2007] | Athleticism 3000m [10° class Nat. 2006]