

# RODRIGO GARCÍA LEÓN

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yo@rodrigogarcia.me

## PERSONAL DETAILS

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Name Rodrigo García León  
Address Nieuwe Looiersstraat 12-A  
Postal Code 1017VC  
City - Country Amsterdam, Nederland  
Date of Birth 2nd June, 1986  
Nationality Costa Rican - Italian

## WORKING EXPERIENCE

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- 5/2017 - present **Full Stack Developer** at Scyfer (<http://scyfer.nl/>)  
*Amsterdam, Nederland*
- Designed and deployed a microservices based architecture for a machine learning platform on Amazon Web Services using Docker
  - Developed an API with Python 3 using Django, Tensorflow and a PostgreSQL data store
  - Developed an UI with TypeScript using Aurelia
- 1/2016 - 4/2017 **Full Stack Developer** at SOWISO (<http://sowiso.nl/>)  
*Amsterdam, Nederland*
- Developed an analytics reporting module using ES6, Webpack, PHP and MySQL
  - Developed specialized exercises for physics teaching using Maxima for math evaluation
  - Developed data transformation scripts from LaTeX to XML for content import using Python
  - Maintained the application platform in Amazon Web Services, using Puppet for provisioning and Jenkins for test automation and continuous integration and deployment
- 11/2011 - 6/2013 **Software Developer** at e-Mentor (<http://e-mentor.it/>)  
*Torino, Italia*
- Developed a set of specialized exercises for neuropsychological rehabilitation software (<http://www.riabilitazione.giuntios.it/it/>)
  - Developed a group of learning modules for in-house personnel training based on visual merchandising principles
- 8/2008 - 5/2010 **System Administrator** at Abax Asesores (<http://abaxasesores.com/>)  
*San José, Costa Rica*
- Deployed and maintained LAMP stack servers
  - Task automation using Bash and Python
- 2/2008 - 12/2010 **Lecturer** at University of Costa Rica  
*San José, Costa Rica*
- Instructed the course "Electronics 3" on basic power electronics. Senior level compulsory course
  - Instructed the course "Microcontroller Laboratory" on practical applications of Atmel ATmega microcontrollers. Senior level elective course

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## EDUCATION

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- 9/2013 - 12/2015 **Master Human-Technology Interaction** at Eindhoven University of Technology
- ICT track; coursework in Data Visualization and Machine Learning among others
- 2/2008 - 8/2010 **Licentiate Electrical Engineering** at University of Costa Rica
- Emphasis in Communication Systems
  - Judged substantially equivalent by the Canadian Engineering Accreditation Board of Engineers Canada since the year 2000
- 2/2004 - 12/2007 **Bachelor Electrical Engineering** at University of Costa Rica
- Emphasis in Computers and Networks

## INTERESTING PROJECTS

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- 9/2013 - 1/2014 **Group Pulse** at Eindhoven University of Technology
- Qualitative research on how physiological measurements could boost teamwork productivity
- 2/2014 - 6/2014 **Fighting Winter Blues** at Eindhoven University of Technology
- Quantitative research on which architectural and behavioral factors predict prevalence of subsyndromal seasonal affective disorder (winter depression)
- 9/2014 - 2/2015 **Heartbeat Entrainment and Audiovisual Stimuli** at Eindhoven University of Technology
- Experimental research on how to achieve heartbeat entrainment (synchronization of individuals heartbeat rate to the frequency of audiovisual stimuli)

## SKILLS

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Programming Languages Python, JavaScript, TypeScript, SQL, Bash, Ruby, Go, Java, Clojure, R, Haskell, Swift, LaTeX

Frameworks Django, Tensorflow, Ansible, Puppet, Aurelia, React, D3, Processing

Tools Git, Vim, Emacs, Docker, nginx, Webpack, Selenium, Jenkins, Bitbucket, JIRA, PostgreSQL

Operating Systems macOS, Arch Linux, Ubuntu Linux, Debian Linux, Gentoo Linux, CentOS Linux, Windows

Platforms Amazon Web Services, Digital Ocean

## LANGUAGE KNOWLEDGE

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Language	Speak	Understand	Read	Write
Spanish	native	native	native	native
English	very good	perfect	perfect	very good
Italian	very good	very good	very good	very good
Dutch	good	good	good	good

## INTERESTS

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Music Keyboard, guitar, Ableton Live, Native Instruments

Sports Squash, fitness