

# Miquel Àngel Rigo

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*I am an ambitious, tenacious, problem solver seeking a challenging internship that will provide an opportunity to exploit my potential in applied computer science.*

## Education

- 2016 – present **University College London (UCL)**, MEng Computer Science
- First year: 83.3% (with first-class honours in all modules)
  - Key courses: Java, C, Robotics, Logic, Algorithms, Data Structures, Discrete Mathematics
  - British Computer Society Award: Outstanding Undergraduate Industry Project
- 2017 **'Machine Learning'** by Stanford University on Coursera. Certificate earned on June 9, 2017
- 2014 – 2016 **IES Son Pacs**, Mallorca. Double Baccalaureate
- Spanish Baccalaureate: grade 9/9.5/10 with honours (awarded to top three students)
  - International Baccalaureate: grade 41/45 (top 4% worldwide)

## Work experience

- 2017 **Developer Intern** at **UCL**. Lead full stack developer. Created a modular and scalable patient e-record management system for the NHS. System focused on collecting data from patients with multiple sclerosis and performing data analytics. Technologies: Django, MySQL.
- 2017 **Freelancer**. Developed online shopping modules that simplified the shopping workflow for specific shops. Technologies: Python, MongoDB, nginx, HTML/CSS.
- 2014 – 2016 **IT Technician** at P. Marisita S.L. Maintained and configured marine software and hardware (MaxSea) for yachtsmen. Implemented an NMEA sentences converter script that reduced the mapping time for sonar readings. Technologies: Python.
- 2016 **Volunteer** at Palma Summer Camp. Taught teenagers the fundamentals of programming with Scratch and Python.

## Projects

- 2017 **NeuroResponse** with UCL and NHS. Team leader. Developed a web app portal for clinicians, focusing on patients with multiple sclerosis. Technologies: Django, MongoDB, SQLite, Javascript, HTML/CSS.
- 2016 **SafeHome** at UCL. Developed a system to secure homes using an Arduino with different sensors to read, process and display data in real time on a web server. Technologies: C, Node.js, socket.io, nginx, HTML/CSS, Javascript, Python and Java.
- 2012 **MapTest EURO**. Developed an iPad app for children to learn geography. Released on the App Store. Technologies: Objective-C.

## Skills

IT Skills	Proficient	Python, Java, C
	Familiar	Swift, Haskell, JavaScript
	Libraries/frameworks	Scikit-learn, Tensorflow, Pandas, Django, Node.js
	Technologies	Git, UML, HTML/CSS, SQL, MongoDB, nginx, Microsoft Azure
Languages	English (fluent), Spanish (fluent), Catalan (mother tongue)	