



# Rafael Claro Ito

Electrical Engineer  
HW & SW Developer  
Data Scientist

- 03/02/1992
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## Languages

- English ● ● ● ● ●
- Portuguese ● ● ● ● ●
- Italian ● ● ● ● ●
- French ● ● ● ● ●
- Spanish ● ● ● ● ●
- Japanese ● ● ● ● ●

## Awards

- 2009 6th place at OSA
- 2009 Silver Medal at OBMEP
- 2008 Silver Medal at OBMEP
- 2008 Certificate of Merit at OMU
- 2007 Honorable Mention at OBMEP
- 2006 Honorable Mention at OBMEP

OBMEP: Brazilian Public Schools Mathematics Olympiad  
OSA: UNICAMP Physics Olympiad  
OMU: UNICAMP Mathematics Olympiad

## Education

### Graduate

#### University of Campinas

Jan 2017 – current

Campinas/SP



Part-time Masters degree.

	Subject	Credits	Professor(s)	Semester	Grade
IA353A	Redes Neurais	4	Fernando José Von Zuben	1s2020	in progress
IA376E	Tópicos Em Engenharia de Computação VII ↔ Redes Neurais Profundas Para Processamento de Linguagem Natural	4	Roberto de Alencar Lotufo	1s2020	in progress
IA006C	Tópicos em Sistemas Inteligentes II ↔ Aprendizado de Máquina	4	Levy Boccatto Romis Ribeiro de Faissol Attux	2s2019	A
IA368N	Tópicos em Engenharia de Computação V ↔ Introdução à Robótica Móvel	4	Eleri Cardozo Eric Rohmer	2s2017	A
IA750A	Engenharia de Reabilitação	4	Antonio Augusto Fasolo Quevedo	2s2017	A
IA368W	Tópicos em Engenharia de Computação V ↔ Métodos Estocásticos Para Robótica Móvel	4	Eleri Cardozo Eric Rohmer	1s2017	A
IE327P	Tópicos Especiais em Microeletrônica III ↔ Sensores, Condicionamento e Aquisição de Dados	4	Elnatan Chagas Ferreira	1s2017	A

### Undergraduate

#### University of Campinas

Jan 2011 – Dec 2016

Campinas/SP



	Subject	Credits	Professor	Semester	Grade
EA999A	Tópicos em Engenharia de Computação ↔ Curso Teórico-Prático de Redes Neurais Convolucionais	4	Roberto de Alencar Lotufo	Férias de Verão 2020	8.9

### Undergraduate (Student Exchange Program)

#### Queen Mary University of London

Sep 2014 – Aug 2015

London



Studies sponsored by the Brazilian government due to academic merit. Science without Borders (SwB) student exchange program.

### Further Education

#### Technical College of Campinas - UNICAMP

Jan 2007 – Jul 2010

Campinas/SP



Selected to work as a Teaching Assistant of the technical course.

## Publications

October 2019

**Exploring Embedded Systems' Dedicated Cores for Real-Time Applications**  
P. H. Nallin, G. R. S. Franco, R. C. Ito, and A. R. D. Rodrigues  
17th Int. Conf. on Accelerator and Large Experimental Physics Control  
(ICALPECS'19)

New York, USA October 2019

**Software and Hardware Design for Controls Infrastructure at Sirius Light Source**  
G. R. S. Franco et al.  
17th Int. Conf. on Accelerator and Large Experimental Physics Control  
(ICALPECS'19)

New York, USA

# Working Experience

## Technological Development Analyst

CNPEN/LNLS

Jan 2016 – current

Campinas/SP



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## Teaching Assistant

University of Campinas

Jan 2016 – Jul 2016

Campinas/SP



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## Scientific Research

Queen Mary University of London

Jun 2015 – Sep 2015

London



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## Electronics intern

CPqD - Telecommunications Research and Development Centre

Jan 2010 – Jun 2010

Campinas/SP



bla

## Teaching Assistant

Technical College of Campinas

Jan 2009 – Dec 2009

Campinas/SP



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