

# RAMÓN REYES CARRIÓN

Dphil

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## PROFILE

Dphil in mathematics interested in holonomy, spinors and topological data analysis, with experience in system and network administration and design and software development.

Java/C++  
Python  
Bootstrap  
REST webservices

OpenBSD Docker Django SaltStack R AWS GMaps-API

## EXPERIENCE

- 1/2020 – present **Database curator and consultant** CDIAR  
Database and development consultant.
- 4/2012 – 2/2019 **Full time researcher** Infotec  
Research applied to data analysis, teaching, network design consultant.
- 7/2012 – present **Full stack developer** Picassosweb  
part time  
Time/location cloud based registration system, for a human resources department.  
AWS / Ubuntu / Django / ElasticSearch / Postgres / RabbitMQ / Bootstrap  
/ HTML / JavaScript / redis / vi / Emacs / Notepad++ / Brackets
- 6/2011 – 3/2012 **Chief security officer** Instituto Mora  
Network and security information consultant and software development auditor.
- 5/1994 – 2/2011 **Associated researcher and network and system administrator.** CIMAT  
Design, implement, maintain and manage the institutional network as well as teaching and research in pure mathematics.

## EDUCATION

- 1983 – 1988 **Bachelor's in mathematical sciences** UNAM, México
- 1988 – 1993 **Dphil** University of Oxford, Great Britain  
Some Special Geometries defined by Lie Groups

## SCIENTIFIC PUBLICATIONS

- 1994 **Reyes Carrión, Ramón** Aportaciones Mat. Comun. 16, 235–240, Soc. Mat. Mexicana, México.  
Instantons in dimension greater than four. (Spanish) XXVII National Congress of the Mexican Mathematical Society.
- 1998 **Reyes Carrión, Ramón** Differential Geom. Appl. 8 (1998), no. 1, 1-20  
A generalization of the notion of instanton.
- 1999 **Reyes Carrión, Ramón; Salamon, Simon** Gac. R. Soc. Mat. Esp. 2 (1999), no. 1, 40–49.  
A survey of nearly Kähler manifolds. (Spanish)

2016

**Ramon Reyes-Carrión, Elio-Atenógenes Villaseñor, Mario Graff-Guerrero** Proceedings IFKAD2016 124–129.

Strategy for the Automated Diagnostic of the Openness Degree in Government Data. 11th International 3 Forum on Knowledge Asset Dynamics (Dresden, 2016)

#### TEACHING

Institutions

**Infotec, UNAM, CIMAT, University of Oxford**

Subjects

Mathematics for data science, Algorithms, Formal methods, Set theory, Number theory, Algebra, Geometry.

#### LANGUAGES

**Spanish** - native  
**English** - fluent

#### TECHNOLOGICAL TRAINING

Cisco CCNA Instructor

#### EXTRA INFORMATION

**Nationality** - Mexican