

## EDUCATION

### LEIDEN UNIVERSITY

#### MSC IN PHYSICS

Specialization in Cosmology

Expected Jun 2018 |

Leiden, The Netherlands

### UNIVERSITY OF CANTABRIA

#### BSC IN PHYSICS

Track in Fundamental Physics

2011-2016 |

Santander, Spain

### UTRECHT UNIVERSITY

#### BSC IN PHYSICS AND ASTRONOMY

Erasmus Student

2013-2014 |

Utrecht, The Netherlands

## SKILLS

### LANGUAGES

Spanish (Native)

English (C1)

French (B2)

Dutch (B1, to B2)

German (A1)

Certificates upon request

### COMPUTING

Programming Languages:

Python • Java • C • SQL

Fortran • Perl •  $\text{\LaTeX}$

Data Analysis:

MatLab • Mathematica • Root •

Kaleidagraph • Origin

Cosmology

CAMB • CosmoMC • TopCat •

SExtractor • Healpy

Web Tools and More

Pelican • RDF • OWL • Protégé •

vim • Unix

Project Management

Jira • Smartsheet • OpenProject •

## LINKS

Github:// [gcanasherrera](#)

LinkedIn:// [gcanasherrera](#)

Twitter:// [@guadalupecah](#)

## HOBBIES

Reading • Writing • Musics • Arts

Running • Gardening

## EXPERIENCE

### LORENTZ INSTITUUT | MASTER'S RESEARCH STUDENT

2017 | Leiden, The Netherlands

Theoretical Cosmology Group.

### LEIDEN UNIVERSITY | TEACHING ASSISTANT

Fall 2017 | Leiden, The Netherlands

Course "Theory of General Relativity" (Master's Degree in Physics)

### DESY | RESEARCH INTERN

Summer 2017 | Zeuthen, Germany

Astroparticle Physics Theory Group.

### INSTITUTO DE FÍSICA DE CANTABRIA | RESEARCH INTERN

Nov 2015 – Jun 2016 | Santander, Spain

Observational Cosmology and Instrumentation Group.

### UNIVERSIDAD DE CANTABRIA | TEACHING ASSISTANT

Feb 2016 – Jun 2016 | Santander, Spain

Course "Fundamentals of Quantum Physics" (Bachelor's Degree in Physics)

### INSTITUTO DE FÍSICA DE CANTABRIA | RESEARCH INTERN

Sep 2015 – Nov 2016 | Santander, Spain

Particle Physics and e-science group.

### BROWN UNIVERSITY | BACHELOR'S RESEARCH STUDENT

Summer 2015 | Providence, USA

Physics Department, Astrophysics and Gravitational Lensing Group.

## AWARDS

2016-2018	Leiden Institute of Physics	LION Excellence Scholarship (24000€)
2015-2016	University of Cantabria	Best Teaching Assistant (100€)
2015-2016	Spanish Government	Research Scholarship (2000€)
2015	Brown University	Excellence Scholarship (15000€)
2013-2014	University of Cantabria	Erasmus Excellence Scholarship (2000€)

## ADMINISTRATIVE POSITIONS

2017-2018	Leiden University	Master's Representative in Educational Committee
2012-2014	UNICAN	Student's council member at Faculty of Science
2011-2014	UNICAN	Bachelor's Representative in Educational Committee

## ADDITIONAL CERTIFICATIONS

2017	Cosmology Tools in Theory and in Practice	Corfú, Greece
2015	International Diploma in Physics	Santander, Spain
2015	Project Management for Scientists	Santander, Spain
2003-2015	Conservatorio Jesús de Monasterio	Musical Teachings

## OUTREACHING / VOLUNTEERING

Until 2016	Volunteer in European's Researchers Night	Santander, Spain
2015	Volunteer in Spanish Association Against Cancer	Santander, Spain
2015	Assistant in Children's Museum	Providence, USA