

## CONTACT

[www.oscarpina.es](http://www.oscarpina.es)  
[oscarpb97@gmail.com](mailto:oscarpb97@gmail.com)  
[@oscar97pina](https://twitter.com/oscar97pina)  
[@oscar-pina](https://www.linkedin.com/company/oscar-pina)  
+34 672147044

## PROFILE

I am a PhD candidate at the Technical University of Catalonia (UPC). My research interests are self-supervised learning of representations, geometric deep learning and medical image analysis. Currently, I am working in self-supervised algorithms for graph neural networks and their application to the field of computational pathology. I also have professional experience as a Software Engineer and Data Scientist, which provided me with invaluable technical and soft skills. In a nutshell, I would describe myself as a curious, go-getter person with analytical problem solving skills.

## SKILLS

Machine Learning	3+ yrs
Graph ML	3+ yrs
Python	3+ yrs
PyTorch	3+ yrs
Java	2+ yrs
Git	4+ yrs

## LANGUAGES

Spanish	Native
Catalan	Native
English	C1

# OSCAR PINA

Ph.D. Candidate - Machine Learning

## EDUCATION

<b>Ph.D., Machine Learning</b> <b>Technical University of Catalonia (UPC)</b> <i>Barcelona, Spain</i>	<b>2021 - Present</b>
<b>MEng, Telecommunications Technologies</b> <b>Technical University of Catalonia (UPC)</b> <i>Barcelona, Spain</i>	<b>2019 - 2020</b>
<b>BEng, Telecommunications Technologies</b> <b>Technical University of Catalonia (UPC)</b> <i>Barcelona, Spain</i>	<b>2015 - 2019</b>

## WORK EXPERIENCE

<b>Graduate research assistant</b> <b>Technical University of Catalonia (UPC)</b> <i>Barcelona, Spain</i>	<b>May 21 - Present</b>
As a Ph.D. candidate, I have a full-time research assistant contract at UPC. My research focuses on self-supervised learning of representations, geometric deep learning and medical image analysis.	
<b>Teacher assistant</b> <b>Technical University of Catalonia (UPC)</b> <i>Barcelona, Spain</i>	<b>May 21 - Present</b>
I am teaching deep learning for artificial intelligence in PyTorch and image processing courses at both graduate and undergraduate levels.	
<b>Data Scientist</b> <b>KBL Group</b> <i>Barcelona, Spain</i>	<b>Jan 21 - May 21</b>
I worked in research and development of machine learning models and data driven solutions to optimize the company's internal processes and help them meet their business needs.	
<b>Software Engineer</b> <b>VIP District</b> <i>Barcelona, Spain</i>	<b>Jun 18 - Feb 20</b>
I had a data-specific role, which involved the design and implementation of a BI system to ease the financial data querying and visualization, optimization of the database (SQL), as well as the integration with external APIs to include their information to our system.	

## PUBLICATIONS & PROJECTS

<b>Self-supervised graph representations of WSIs</b> <b>Geometric Deep Learning for Medical Image Analysis</b> <i>Status: Accepted, Oral Presentation</i>	<b>Sep 22</b>
---	---------------

# ACHIEVEMENTS

## Ph.D. grant

### UPC

Awarded with a grant by AGAUR to support my Ph.D.

## 8th Best Student

### UPC

8th best student of the first stage of the Bachelor's degree.

## Structural Networks for Brain Age Prediction

### Medical Image with Deep Learning (MIDL)

Status: Accepted and Published

Apr 22

## Preclinical Alzheimer's Disease Prediction with Graph Neural Networks

### Technical University of Catalonia (UPC)

Master's thesis, Grade 10/10

Jul 21