

# VICTOR BOVEDA PRADO

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## PROFESSIONAL EXPERIENCE

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### Software Developer and Solutions Assistant

NTT DATA Europe & Latam, Madrid, Spain

February 2020 - August 2023

- *Propelled the AIRUS Suite forward through hands-on development using Django, Angular, Docker, PostgreSQL, Geoserver, Figma, and other top-tier tools, ensuring a seamless and impactful user experience.*
- *Led a 4-member front-end team, driving a 15% enhancement in productivity by implementing agile methodologies and conducting routine performance assessments.*
- *Led collaborations with ITG and partners such as AXEGA, Cranfield, Catec, INECO, EHang, and Airbus, increasing joint research projects by 25% and implementing innovative solutions to AIRUS Suite.*
- *Played a pivotal role in development of AIRUS Suite, dedicated to managing UAS and UAV air traffic, resulting in its recognition as a top market solution [[Link](#)].*
- *Acknowledged and showcased at esteemed events including ATM World Congress and Mobile World Congress in Barcelona, presenting to 100k+ audience.*

### Software Developer as Research Assistant Staff

Galician Center for Aerospace, Vigo, Spain

July 2018 - July 2019

- *Architected, configured, and authored software solutions for small satellite deployment and operation at a leading research center affiliated with the University of Vigo and Alen Space, resulting in top market solution.*
- *Played a crucial role in operation of two space missions, notably contributing to success of LUME-1 project.*
- *Led enhancements to ground station software, resulting in a remarkable 20% increase in service efficiency for satellite operations.*
- *Developed and implemented a task scheduling system for small satellites, resulting in a remarkable 80% increase in daily mission operations efficiency.*
- *Maximized productivity by employing Django, Angular, Docker, Python, and API design in daily workflows.*

### Internship In Teledocency Service

University of Vigo, Vigo, Spain

May 2017 - September 2017

- *Played a key role in migration of college courses and managed platforms such as Joomla, Moodle, and Claroline. Resulting in a 20% increase in user satisfaction.*
- *Delivered comprehensive support to users across 25 bachelor's degrees, 3 double degrees, 40 university master's degrees, and doctoral programs, servicing approximately 22,000 users across 15 centers.*

## EDUCATION

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Illinois Institute of Technology, Chicago, IL

August 2023

**Professional Master of Computer Science**, GPA: 3.62

Concentration in Artificial Intelligence.

Technical University of Madrid, Madrid, Spain

August 2022

**Master's in Telecommunications Engineering**

Concentration in Telematics and Machine Learning.

University of Vigo, Vigo, Spain

November 2019

**Bachelor's in Telecommunications Engineering**

Concentration in Signal Processing.

## SKILLS

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- **Languages:** English (Advanced), Spanish (Native), Galician (Native), and Portuguese (Advanced).
- **Project Management Tools:** MS Project, Slack, Asana and JIRA.
- **Programming languages:** C, C++, Java, Python, PHP, TypeScript, JavaScript, HTML, CSS, SCSS, Dart, SQL.
- **Databases:** PostgreSQL, MongoDB and InfluxDB.
- **Frameworks:** Django, CodeIgniter, Angular, React, Flutter, Ionic, SpringBoot and Unity.
- **Testing Frameworks:** Jasmine.
- **Message Brokers:** Kafka, Redis, Mosquitto and RabbitMQ.
- **Task Queues:** Celery.
- **Real-Time Communication:** Socket.io and Robust-Websocket.
- **AI Frameworks and Libraries:** TensorFlow, Keras and PyTorch.
- **Cloud Development and Management Tools and Services:** OpenAPI, Postman, IBM Rational DOORS, DBeaver, Docker, Amazon Web Services (EC2, S3 Buckets, Lambda, and SageMaker Studio) and Jenkins.
- **Web libraries:** Bootstrap, Angular Materials, WebGL, CesiumJS, and ThreeJS.
- **GIS Software:** Geoserver and QGIS.
- **UX/UI Design Software:** Figma and Adobe XD.
- **Documentation Frameworks and Libraries:** Sphinx, Docusaurus and Compodoc.
- **Agile Methodologies:** Scrum and Kanban.

## PROJECTS

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### Pelfix

May 2018 - May 2018

- *Teamed up with University of Vigo's faculties to create an innovative Android app for postoperative prostate rehabilitation, benefiting 80% of test patients [[Link](#)].*
- *Engineered the Android app's user experience (UX) and user interface (UI) to ensure intuitive navigation and user-friendly interactions, resulting in a 100% increase in user engagement and satisfaction.*
- *Developed all interfaces between probe and Android app, seamlessly integrating USB and Bluetooth connectivity options for optimal performance. Thus, enabling accessibility for up to 80% of users.*
- *Implemented robust features within app to monitor and track progress of rehabilitation exercises, resulting in a remarkable 90% success rate in completing exercises.*

### Foro Tecnológico de Empleo - Career Fair

January 2016 - December 2017

- *Sourced and secured participation of 50+ new companies to exhibit at the Foro Tecnológico career fair.*
- *Provided personalized assistance to 33 companies during event.*
- *Boosted to success and growth of career fair, resulting in a 20% increase in student participation.*

### Meet Program

January 2016 - December 2017

- *Served as a mentor in a program focused on assisting freshmen during initial year of schooling.*
- *Received training in soft skills including emotional intelligence and leadership to provide top support to mentees.*
- *Facilitated mentees' academic and social adjustment to school environment through personalized guidance and mentorship, helping to reduce dropout rate by 20%.*

## CERTIFICATIONS

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- *Angular Advanced: Take your basics to the next level.*
- *Legacy - Flutter: Your complete guide for IOS and Android.*
- *Senior Program of Technology Project Management - RED.es.*
- *High-School Scholarship Program.*