

Santiago Álvarez - Curriculum Vitae

Personal data

Santiago Álvarez Fuente

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Education

- **European University Miguel de Cervantes** **2018 - 2019**
Big Data & Business Analytics Master
Valladolid, Spain
- **Keepcoding S.L** **2017 - 2018**
Web Development Master Bootcamp
Madrid, Spain
- **Open University of Catalonia** **2011 - 2016**
BASc, Telecommunication Systems Engineering
Barcelona, Spain
- **Cristo Rey Polytechnic Institute** **2008 - 2010**
HNC, Telecommunication and Computer Science Systems
Valladolid, Spain
- **University of Valladolid** **2005 - 2008**
BASc, Dietetic and Nutrition
Valladolid, Spain

Languages

- Spanish: native.
- English: B2. First Certificate in English 2007.
- French: A1.
- Catalan A1.

Experience

- **Full Stack Developer at Telefonica Tech** **Oct. 2019 – Present**
Telefónica
Valladolid, Spain
 - ✓ Web backend development: Python (Django, Django Rest Framework, Flask).
 - ✓ Web frontend development: Javascript (Angular 7), CSS, HTML.
 - ✓ Tasks automatization with Docker.

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- ✓ Use of AWS as infrastructure (EC2, Athena).
- ✓ Use of Github as code repository and Jira for task tracking.

- **Full Stack Developer at Telefonica I+D**

Jun. 2018 – Oct. 2019

Airon Group

Valladolid, Spain

- ✓ Web backend development: Python (Django and Django Rest Framework).
- ✓ Web frontend development: Javascript, CSS, HTML, D3js, Angular 7.
- ✓ Tasks automatization with Docker.
- ✓ Use of AWS as infrastructure (EC2, Athena).
- ✓ Use of Github as code repository and Redmine for task tracking.

- **Ground Segment & Software Engineer**

Aug. 2016 – Jun. 2018

Deimos Imaging, an UrtheCast Company

Valladolid, Spain

- ✓ Mission planning supervision tasks for Deimos-1 and Deimos-2 satellites.
- ✓ Operations and anomalies reports.
- ✓ Ground station and RF equipment maintenance.
- ✓ RF equipment measurements (G/T, RF Survey).
- ✓ Desktop applications development in Python using Qt4, Qt5 and WxFrame.
- ✓ Scripting in Python to automatize mission control tasks.
- ✓ Web programming using Java as backend and Angular JS as frontend.
- ✓ Manage 24x7 response service team for Deimos-1 and Deimos-2.

- **Spacecraft Controller**

Jul. 2010 – Aug. 2016

Deimos Imaging, an UrtheCast Company

Valladolid, Spain

- ✓ Monitoring and control of Deimos-1 satellite operations.
- ✓ Telemetry monitoring, commanding, and ranging operations using operational procedures.
- ✓ Mission planning task for Deimos 1 and Deimos 2 satellites.
- ✓ Ground station and RF equipment maintenance.
- ✓ RF equipment measurements (G/T, RF Survey, VSWR).
- ✓ Report all the operations and anomalies.
- ✓ Make quality procedures.
- ✓ 24x7 Response Service Team for Deimos-1 and Deimos 2 satellites.
- ✓ Scripting tasks in Python and Gsscript.

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- **Telecommunications Systems Technician** **Mar. 2010 – Jun. 2010**

Celnex Telecom

Valladolid, Spain

- ✓ Maintenance and monitoring of terrestrial radio links (analog and digital) and satellite network and resolve all the incidences.

Additional information

- **Skills:** Mission Operations, Mission Work, Mission Planning, Aerospace Telecommunications, Satellite Operations, Spectrum Analyzer, RF, Shift Work.
- **Programming Skills:**
 - Backend: Java EE7 (Hibernate), Python (Django & Django REST), Javascript (Node).
 - Frontend: HTML5, CSS3, Javascript (Angular JS, Angular 7), Ajax, Gulp, SASS.
 - Databases: PostgreSQL, MongoDB, MySQL, Redis, Athena, InfluxDB.
 - Others: Git, GitHub, Gitlab, Gitflow, TICK Stack, SourceTree, UX, IA, SEO, Google Analytics, Social Media, SCRUM & Agile, Docker, Jenkins, Jira, Bugzilla, Devops (deployment for Java web apps, API REST in Node and Django using AWS), Python and Linux Scripting.