PERSONAL INFORMATION

Name: JORDI DEU-PONS
Date of Birth: 15-04-1980
Websites:

- http://www.jordeu.net
- http://stackoverflow.com/users/1078883/jordeu
- https://github.com/jordeu
- https://bitbucket.org/jordeu

Car license B.

EMPLOYMENT HISTORY

from 2009
Company: Biomedical Genomics Group (GRIB – UPF – PRBB)
Tasks:

- Develop a data management and visualization framework to create interactive websites to browse genomic related datasets. See Onexus open source project below and http://beta.intogen.org website. (Java, OSGi, blueprint, Apache Karaf with Apache Felix, Servlets, HTML, CSS)
- Biomedical data analysis (Perl, Python, Bash, R, Java, Weka, RESTful webservices, SOAP webservices, Biomart)
- Database management (MySQL, MongoDB)
- Group server administration (Apache web server, Subversion, OpenKM a JCR server)
- Gitools development. See open source project below. (Java, Swing)
- jHeatmap development. See open source project below. (Javascript, jQuery, HTML5)
- Custom version of Anno-J genomic browser (ExtJS, javascript, RESTful webservices)
- Main development environment: Intellij IDEA, WebStorm, Maven, Git

2005 - 2007
Company: Barcelona Center for International Health Research (CRESIB).
Tasks:

- CRESIB intranet development (Java, Wicket, HTML) and OpenClinica (Java, JSP) servers installation for a multi-centric clinical trial.
- Design and implementation of a data management system for clinical trials, according to the Food and Drug Administration requirements. General data management tasks. (Java, JSP)
- Biostatistics group server installation and maintenance. (CVS server, SAMBA file server)
- Main development environment: Eclipse, Maven, CVS.

2005
Company: Geyce Telecom
Tasks:

- Network and software setup at Spanish consulates and embassies.
- Desktop applications development (Java, Swing).
- Main development environment: Custom company IDE, Ant

2004 - 2006.

    Company: for several companies as a freelance

    Tasks:
- Website development. (HTML, PHP, MySQL, CSS)
- Windows network administration.
- Linux Fedora network administration.
- Web hosting
- E-Commerce platform implementation.

2002 - 2005

    Company: Minyons Escoltes i Guies Sant Jordi de Catalunya (MEGSJC)

    Tasks:
- System administrator. (Linux server, windows workstations)
- e-Commerce platform implementation for Brownsea.net and Campaments.cat (HTML, CSS, PHP, MySQL)
- Main website development (HTML, CSS)
- Intranet software improvements (Microsoft SQL server, ASP, HTML)

2001

    Company: Finques Colomer S.L

    Tasks: Design and development of a data convert program from PICK OS to GesFinques program. (Microsoft Access, Visual FoxPro)

2000

    Company: MundoBoda S.A

    Tasks: Maintenance and improvement of an HTML website (HTML, CSS, Dreamweaver)

1997-99

    Company: Frandisco

    Tasks: Design and development of a music store database system. (Microsoft Visual Basic).

OPEN SOURCE PROJECTS

jHeatmap.

    Url: http://jheatmap.github.io/jheatmap/

    Description: Interactive web heatmap viewer

    Contribution: Main architect and developer

    Technology: HTML5, javascript, jQuery.

    Status: Released

Onexus.

    Url: https://github.com/onexus/onexus

    Description: Onexus is a modular framework to manage the complete life cycle of data analyses. Data analyses follow these steps: analysis definition, analysis execution, results storing, results browsing and finally results publishing. (example website developed using Onexus http://beta.intogen.org)

    Contribution: Main architect and developer

    Technology: Java, OSGi, blueprint, Apache Karaf (uses Apache Felix)

    Status: Pre-release

Gitools

Url: https://github.com/gitools/gitools
Description: Gitools, is a framework for analysis and visualization of genomic data. Data and results are represented as browsable heatmaps. Gitools allows to import data directly from IntOGen and Biomart.
Contribution: Version 2.0 development
Technology: Java, Swing
Status: version 2.0 beta

PUBLICATIONS

2012

Abel Gonzalez-Perez, Jordi Deu-Pons, Nuria Lopez-Bigas. **Improving the prediction of the functional impact of cancer mutations by baseline tolerance transformation.** Genome Medicine 11/2012; 4(11):89. Available from: http://www.ncbi.nlm.nih.gov/pubmed/23181723

2010

Gundem G, Perez-Llamas C, Jene-Sanz A, Kedzierska A, Islam A, Deu-Pons J, et al. **IntOGen: integration and data mining of multidimensional oncogenomic data**. Nature Methods. 2010 February;7(2):92–93. Available from: http://dx.doi.org/10.1038/nmeth0210-92

EDUCATION

2007 Postgraduate "Bioinformatics: genomics and structural biology"
Universitat Oberta de Catalunya (UOC)

2006-2010 Degree "Computer Engineering" (2nd cycle)
Universitat Oberta de Catalunya (UOC)

2006-2008 Degree "Biology" (only 2 first years, 60 credits approved)
Universitat Pompeu Fabra (UPF)

1998-2005 Degree "Computer Engineering" (1st cycle)
Universitat Autònoma de Barcelona (UAB)

1993-98 High school.
BUP and COU "IES El Bullidor" (Rubí)
(COU finished with honors)

Short training.

Title: Advanced Statistics and Data Mining
Host: Universidad Politécnica de Madrid

Title: "Programmer analyst"
Host: CEAC

LANGUAGES

Mother language: Catalan.

	Level
Catalan	High
Spanish	High
English	Intermediate (B2 certification, with experience working in an international environment)

INTERESTS

As a volunteer I've been part of different cultural and social associations.

Education
- Agrupament Escolta Albada (1990-2005)
- Centre Marista d'Escoltes (1990)
- Minyons Escoltes i Guies Sant Jordi de Catalunya (2002)
- Esplai Gripau Blau de Rubí (1997/1999)

Sports
- Centre Excursionista de Rubí (from 1980)

NGOs
- SED Catalunya (2004)
- Setem Catalunya (2002/2003)

Other
- Alternativa Ciutadana de Rubí (from 2003)
- Pessebristes de Rubí (from 1996)
- Vallès Occidental Wire-Less (2003/2004)