Jerome Depotter

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SOFTWARE ENGINEER

- **Innovative software engineer** offering more than six years and many internships in the full software and website development lifecycle. Currently software engineer at Transplant Connect on iTransplant, a Donation and Transplantation Platform. iTransplant enables nearly 75% of all deceased organ donation in the US and it's used by over 100 donation and transplantation agencies of United States, Canada and Australia.

- **Dynamic communications skills** required for cross-functional business process. High capacity to understand and predict customer's needs.

- **Known for excellent troubleshooting skills.** Able to analyze code to quickly resolved issues and proposed cost-effective and responsive solutions.

SKILLS

Languages	**English**: Fluent, **French**: Native speaker, **Spanish**: Conversant, **Portuguese**: Basic knowledge
Tools	Git, Visual Studio, Visual Studio Code, IntelliJ, Atlassian suite (Bitbucket, Bamboo, Jira, ..), Octopus, Webpack, Docker
Database	Sql Server, MySQL, PostgresSQL, MongoDb
Development	C#, Python, Scala, C++, C, REST API, ASP.NET MVC 5 and Webform, Javascript, jQuery, Node JS, Vue JS, HTML5, CSS3, SQL, Powershell, XML

EXPERIENCE

**Present
(1 year)**

Schlumberger, Boston: Freelance Full-Stack Software Engineer
- Work on a research project to supervise an autonomous subsea robot used to inspect subsea petroleum assets.
- Develop front and back end of a web app used to supervise communications with a wireless subsea robot. Used technologies: Node JS, Vue JS, Protobuf, ZMQ Socket, Web Socket
- Develop front and back end of a web app used to visualize and positioned in a 3D map, subsea equipments and the robot. Used technologies: Node JS, Vue JS, Arcgis, PostgresSQL Postgis, Web Socket

**Present
(3 years)**

Transplant Connect, Santa Monica : Full-Stack Software Engineer
- Work on iTransplant, a Donation and Transplantation Platform for over 100 clients in the US, Canada and Australia
- Software Engineer front and back end on iTransplant using C#, ASP.NET MVC 5 and Webform, SQL Server, REST API, HTML, CSS and javascript (jQuery). Working in a team of 15 developers
- Participate to estimation meetings and deployment of new releases using Bamboo and Octopus
- Work on side projects to improve code quality and develop tools used by the team (C# and Python)

**2015
(1 year)**

Insensi, New York : Embedded Engineer
- Work on the firmware of a smart home phone based on Android
- Design and program in C and C++ the integration of a Bluetooth handset
- Work on the improvement of VP8 video decoding using hardware decoding

**2013
(3 years)**

Schlumberger Testing, Paris : Software Engineer
- Software engineer on a flagship project for Donwhole Testing. This project brings real time communication between surface and downhole tools using acoustic telemetry. It permits to save time and millions of dollars during reservoir characterization.
- Design and program in C# and WPF the monitoring and acquisition software used at the surface.
- Define new functionalities to improve the software and enable teams on the field to deliver the best services to the final client.
- Provide a reactive and efficient support for teams on the field.

**2012
(6 months)**

Thales Training and Simulation, Paris : Project Graduation of INSA Lyon
- Design and program in C++ a countermeasure system for a military aircraft simulator
- Design and program in C# and WPF, on my proposal, a testing platform using Bing Map to place threats and Microsoft Flight Simulator to manage aircraft position

**2011
(3 months)**

Laboratory of Information System of UNICAMP, Campinas, Brazil : Intern
- Provide a solution to biologists to permit them to share worldwide a collection of thousands of sounds of tropical animals and their relative information (taxonomy, environment, gender, …)
- Program a web solution in Java and Python to upload and download theses sounds stored in a database

EDUCATION

2014 **Training on Mining Massive Dataset**
Coursera, online learning platform

2009 - 2012 **Master Degree in Computer Science**
INSA Lyon, a top leading French engineering institute in computer science

2007 - 2009 **Bachelor Degree in Software and Firmware Science**
Top of class in DUT, Electrical Engineering and Industrial Computer Science
University Paul Sabatier, Toulouse, France

2006 **Baccalauréat Scientifique (High School Diploma) awarded with honors**
High school Denis Diderot, Narbonne, France