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**INDEPENDANT SOFTWARE ENGINEER**

**PROFESSIONAL EXPERIENCE**

**2017-2018 Freelance Software and Web Developer**

* + - Projects: Personnal website and blog, using Docker (please check https://github.com/millesabords/epou)
    - Experience acquired:
      * Node.Js development
      * Docker deployment and VPS management
      * PHP / Laravel and Apache configuration and securisation
      * Front-end with HTML5, CSS3 and native Javascript
      * Responsive design problematics

**2015-2017 Medical Software Developer with General Electric Healthcare Europe (2 years, Paris)**

* + - Subject: Improving a mammographic system that is sold to radiologic laboratories worldwide
    - Roles: developing new functionalities for the integrated software
      * Setting-up simulation test benches with IP addressing schemes
      * C++ under Scrum methodology
      * Validation and specifications processes using IBM Doors an important part of the work
      * Scripting and tests using Bash and Python on Virtual Machines
      * …as well as tests on real X-Ray Medical devices, requiring safety-issues formations
    - Experience acquired: Working in a highly processed environment

**2014 Working on a proof of concept with Protectic, anIT consultingfirm (6 months, Paris)**

* + - Subject: Modelling noise pollution around airport areas and reporting data onto Android device
    - Roles: participation in the whole set of the project’s lifecycle
      * Studying project’s feasibility (including real costs)
      * Designing hardware and software architecture
      * Writing detailed specifications
      * Implementation of the embedded system that enables forwarding the data from the sound capture device to the main application server
    - Experience acquired: Java/JEE on Windows for the server module, C Language on Linux for the embedded system, SVNand as source versioning management system

**2013-2014 Software Consultant at Thales Raytheon System for a mission with Protectic (12 months, Paris)**

* + - Subject: development on NATO co-operated systems for civilian and military Air Traffic Control
    - Roles: maintenance, validation and integration processes
    - Experience acquired: C++, Unix Solaris, IBM RationnalClearcase and ClearQuest

**2011-2012 International contract ”V.I.E.” between HSBC Paris and HSBCHong-Kong (18 months, Hong-Kong)**

* + - Subject: improving a pricer for structured derivative products on global markets
    - Roles: development and maintainancein Hong-Kong for local structurers and traders
    - Experience acquired: Excel/VBA, Microsoft Visual C++, Clearcase source versioning system, .Net technologies, WebServices with Soap and XML stack (XML+XSD+XSLT)

**2011 Software Consultant with Extia at «France Telecom » for a mission in computer virology (3 months, Paris)**

* + - Subject: Research and Development on an antivirus software suite
    - Roles: consulting for the choice of technologies to be used, tests and benchmarking
    - Experience acquired: C language, Shell-script, Flex & Bison (grammatical syntax tools).

**2010 Internship with « Dashlane », an innovative Start-Up in Paris (6 months, Paris)**

* + - Subject: to gather user data, in order to maximize automatization of his web navigation experience
    - Roles: elaboration of new modules, essentially based on synchronisation and web services
    - Experience acquired: effective use of C++ Design Patterns, threads, Boost, QT

**2009 Project witha company named “GFI Informatique”, as part of the end of scholarship project (3 months, Paris)**

* + - Subject: Geolocalization with voice recognition on Android platform
    - Roles: modules interagration design, scripting for tests, and server development and deployment
    - Experience acquired: functional specification writing, project design and implementation

**2008 Internship with the UCD “University College of Dublin” dedicated to operational research (6 months, Dublin)**

* + - Subject: Improving a wireless mesh network with Carrier grade system
    - Roles: Development of Linux kernel modules, Python scripting and network protocols analysis
    - Experience acquired :Networking, cross platform and embedded development

**EDUCATION**

**2005-10 EPITA – School for Software Engineering - Paris, France**

* + - Master of Computer Engineering degree, graduated in 2010
    - Emphasis:
      * Programming: C, C++, Java, SQL, scripting languages (Python, Bash, VBA)
      * UML-architecture design, project management, project specifications
      * Project oriented, standalone work as well as teamwork
      * Work on Unix environment

**SKILLS**

**Languages -** English: Working, both oral and written

**-** French: Mother tongue

**-** Mandarin Chinese: Beginner

**-** German: Beginner

**Technologies**

**-** Programing: C, C++ (QT, Boost, C++11), JAVA (JEE), VBA, SQL (PostGreSQL), Python,Bash scripting

**-** Environments: Windows, Linux, Excel, Visual Studio, Eclipse, Vim, Clearcase, SVN, Git, IBM Doors