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PERSONALSTATEMENT

Self-motivated and enthusiastic individual with dependable technical skills looking for a job opportunity in the IT sector. Having developed solid interpersonal skills in a variety of situations, I am eager to learn and gain expertise in new technologies with practical problems in a most challenging IT environment.

EDUCATION

September 2013 – July 2015 – **MSc. in Software Engineering (Master 1 in progress)** – Université Pierre et Marie Curie – France
Specialisation Modules: Software Engineering, Algorithms, Database, Design Patterns and Design by contract

September 2012 – April 2013 – **MSc. in Computer Science (Master 1)** – Université de Marne-la-Vallée – France
Specialisation Modules: Java Development, Database, Networking

September 2009 – April 2012 – **BSc. in Computer Science (Major in C language)** Université de Cergy-Pontoise – St. Martin – France
Modules included: Algorithms in C language, Database Design and Development,
Java Programming, Web Development

July 2005 – **8 GCSE** Papers at grades A to C including Mathematics and English Language

Zamani College, 1, Waziri Maccido Road, Kaduna – Nigeria

PROJECTS

February – May 2014 – **Conference Planner** (Group project)
https://github.com/mkab/Conference-Planner-app-Android/tree/master/apk
Developed a mobile application for managing conferences using Android and FeatureIDE (an Eclipse plugin for software product line development).
Tools used: Java (Android programing), Eclipse, FeatureIDE, GitHub, Word

October – December 2013 – **Mini iSketch** (Group project)
Developed a graphical user interface to simulate some functionalities of isketch using the client–server model.
- Wrote the server in C and the client in Java in TCP protocol
- Functionalities implemented include: login/logout, chat, drawing, new client detection, among others
Tools used: Java, C, Eclipse, CodeBlocks, Word

October – December 2013 – **Mini Sudoku** (Group project)
Designed a software architectural model for the Sudoku game from a scope statement.
Modelled use-case diagrams, business object diagrams, sequence diagrams, component class diagrams and test case diagrams from the scope statement and developed the application following the created model.
Tools used: Java, Eclipse, IBM Rational Software Architect, Word

February - April 2012 – **Advertisement website** *(like craigslist)* for **e-Commerce** (Group Project)
Designed a free advertisement website for sales and rental of real estate, sales of electronics and training modules. Established **MySQL** database and developed the website while respecting the W3C standards for **HTML5** and **CSS3**.
This required excellent teamwork and good coordination between team members to ensure the project was delivered in line with specifications and within time limit.
Tools used: PHP5, HTML5, CSS3, JavaScript, Apache, MySQL, SQL Developer, NetBeans, FileZilla, Word

January – February 2012 – **Website Development** (Group Project)
Developed an ergonomic website using **PHP5** and **JavaScript** to manage different groups of teachers and students in various secondary schools. Modelled and created a **MySQL** database and developed the website while respecting the **W3C** standards for **HTML5** and **CSS3**.
- Modelled and created a **MySQL** database
- Importation of data related to 95 teachers and 1220 students (name, age, sex, subjects taught/learned, department, etc.) into the database from a CSV file
- Articulation of different groups from these data – groups by subject/class with links to groups that may have been generated automatically or manually by teachers.
- Exportation of established groups into a CSV file
Tools used: PHP5, HTML5, CSS3, JavaScript, Apache, MySQL, NetBeans, FileZilla, LAMP, Word

October – December 2011 – **Mini UNIX Shell** (Group Project)
Developed a mini **UNIX** shell similar to the **Bash** shell in Linux operating systems. Implemented different functionalities of the **UNIX shell** – pipes, redirection, input-output commands, environment variables, background tasks, directory management etc. in **C** language.
Tools used: C, CodeBlocks, Word

October – December 2011 – **Vehicle Rental Services** (Group Project)
Designed and developed a website for the rental of commercial vehicles.
Modelled and developed an **Oracle** database and ensured that the site's **HTML** and **CSS** codes – written by my team members – comply with **W3C** standards for **XHTML** and **CSS2**.
Tools used: PHP4, XHTML, CSS2, Oracle, Apache, NetBeans, FileZilla, LAMP, Word

February – April 2011 – **Genetic Tree** (Individual Project)
Developed a simple graphical user interface in **Java** to simulate mitosis and meiosis process of human chromosomes and developed algorithms to determine gene expressions on a subject
Tools used: Java, UML, Eclipse, Word

December 2010 – January 2011 – **Mini HTML parser (GUI)** (Individual Project)
Developed a graphical user interface in **Java** to extract links and images from a web page and save them to a computer.
Tools used: Java, UML, Eclipse, Word

WORK/INTERN EXPERIENCE

February – May 2015	–	**PHP Developer Intern at SERENIS (subsidiary of the G7 Group)** – Clichy, France (in progress)

Tasks
- Create tables in the existing database
- Migrate SERENIS's intranet to the recent MySQL 5.6.23 version and PHP 5.6 version
- Update PHP pages and scripts from old PHP mysql_* extension to PHP PDO extension
- Program PHP scripts to edit and export selected data from the database to Microsoft Excel
- Create a new website for SERENIS

Tools: PHP5, XHTML, CSS3, JavaScript, Apache, NetBeans

May – August 2013	–	**Software Developer Intern** at **MNCC SARL** – Paris, France

Developed an API to migrate data from a **Google App Engine** Database (a **NoSQL** database) to a PostgreSQL database.

Improved the performance of different web applications previously developed by MNCC and developed various software features for these applications.

Key Achievements
- Configured a **Google App Engine** workspace
- Succeeded in migrating the data without any loss
- Optimized the performance of the web applications
- Worked closely with developers to determine which software features to implement for the web applications

Key Skills Gained
- Knowledge gained in **NoSQL** and **Ruby on Rails**
- Improved knowledge of **Java** and Eclipse
- Improved communication skills

Tools used: Java (J2EE), JUnit, Google Guava, Google App Engine, PostgreSQL, Ruby on Rails, Eclipse, GitHub

April – June 2012	–	**Internship** as **Java Developer** with the **Computer Science Department of Université de Cergy-Pontoise** — France

As the head of a three-man team, supervised the development of a graphical user interface in **Java**, which automatically configures a **Mondrian OLAP (Online Analytical Processing)** server for **MySQL** and Oracle databases in a Windows or **Linux** computer operating system.

Key Achievements
- Installed Apache, Tomcat and Mondrian servers on **Windows** and **Linux** computers
- Developed the graphical user interface in **Java**
- Wrote shell scripts for certain configurations on Linux operating systems

Key Skills Gained
- Effective behavioural management
- Improved understanding of **Java**

Tools used: Java, JUnit, Script Shell, Tomcat, Apache, Mondrian OLAP, MDX, MySQL, Oracle, Eclipse, Word

June – August 2011	–	**Computer Science Tutor** at **Maisons des Etudiants, Université de Cergy-Pontoise in Cergy**

Taught basic computer skills to the elderly.

Main Tasks
- Installation and usage of computer peripherals such as keyboard, mouse, webcam etc.
- Basic Microsoft Word and Excel usage including file and folder management
- Web navigation and emailing
- Online shopping
- Password protection, precautions against scams, phishing, junk mails, identity thefts etc.
- Skype/Yahoo Messenger Account creation and protocols of online conversation

Key Skills Gained
- Interpersonal and communication skills
- Patience
- Successfully developed a conducive learning environment

November 2010 – June 2011	–	**Mathematics, English and Computer Science Tutor** at **College Les Touleuses in Cergy,**

Coached students in their last year of Secondary school in Mathematics and English in preparation for Baccalaureate (High school diploma).

Also taught Computer Appreciation Programme (Java basics and Introduction to C language) to students wishing to pursue undergraduate studies in computer science.

Main Tasks
- Remedial actions on weak points: Maths and English
- Review and explanation of key areas: Maths and Further Maths
- English composition and translation
- Examination techniques

Key Skills Gained
- Improved oral communication
- Greater confidence

COMPUTERSKILLS

1. **Applications**: Android SDK, Eclipse, NetBeans, FileZilla, Microsoft Word, Microsoft PowerPoint, Microsoft Excel, SQL Developer, Open Office, Wireshark, Mondrian, Mondrian OLAP Workbench, Apache, Tomcat, IBM Rational Software Architect, Google App Engine, Google Web Toolkit
2. **Programming languages**: Java (JUnit), Android, C, PHP5, HTML5, CSS3, MySQL, Oracle, PL/SQL, Script Shell (Bash), UML, JavaScript, Python, C#, XML, C++
3. **Operating systems**: Android, Windows XP/Vista/7/8, Ubuntu, Windows Server 2003 (Active Directory), FreeBSD
4. **Networking**: Configuration of a local network TCP/IP (DHCP) and knowledge of firewalls, HTTP, UDP, SSH and SMTP
5. **Virtualization**: Self-taught on VirtualBox and VMware
6. **Others:** Design patterns

LANGUAGES

- Native English speaker and fluent in French
- Daily conversational Japanese (Passed JLPT 4)

HOBBIES

- Football, computer, chess and watching animal documentaries.