

# Mohammad Kabir ABDULSALAM

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📄: <https://github.com/mkab?tab=repositories>

## PERSONAL STATEMENT

As a graduate from Cergy-Pontoise University with a degree in computer science, I have undertaken several internships and worked within different organizations such as MNCC and Serenis Groupe G7. These placements have enabled me to develop solid technical and interpersonal skills and gain valuable experience in the IT industry. I seek challenging opportunities in software development where I can gain expertise in new technologies and use my skills to contribute the success of the organization.

## EDUCATION

|                             |   |   |
|-----------------------------|---|---|
| September 2013 – July 2015  | – | <b>MSc. in Software Engineering</b> – Université Pierre et Marie Curie – France<br><b>Specialization Modules:</b> Software Engineering, Algorithms, Database, Design Patterns and Design by contract          |
| September 2012 – April 2013 | – | <b>MSc. in Computer Science</b> – Université de Marne-la-Vallée – France<br><b>Specialization Modules:</b> Java Development, Database, Networking   |
| September 2009 – April 2012 | – | <b>BSc. in Computer Science</b> – Université de Cergy-Pontoise – St. Martin – France<br><b>Modules included:</b> Algorithms in C language, Database Design and Development, Java Programming, Web Development |
| July 2005                   | – | <b>8 GCSE</b> Papers at grades A to C including Mathematics and English Language<br><b>Zamani College</b> , 1, Waziri Maccido Road, Kaduna – Nigeria  |

## PROJECTS

|                         |   |  |
|-------------------------|---|--|
| February – May 2014     | – | <b>Conference Planner</b> (Group project)<br><a href="https://github.com/mkab/Conference-Planner-app-Android/tree/master/apk">https://github.com/mkab/Conference-Planner-app-Android/tree/master/apk</a><br>Created a mobile application for managing conferences using <b>Android</b> and <b>FeatureIDE</b> (an Eclipse plugin for software product line development).<br><b>Tools used:</b> Java (Android programming), Eclipse, FeatureIDE, GitHub, Word  |
| October – December 2013 | – | <b>Mini iSketch</b> (Group project)<br>Developed a graphical user interface to simulate some functionalities of <a href="#">isketch</a> using the client–server model. <ul style="list-style-type: none"><li>Wrote the server in <b>C</b> and the client in <b>Java</b> in <b>TCP</b> protocol</li><li>Functionalities implemented include: login/logout, chat, drawing, new client detection, among others</li></ul> <b>Tools used:</b> Java, C, Eclipse, CodeBlocks, Word  |
| October – December 2013 | – | <b>Mini Sudoku</b> (Group project)<br>Designed a software architectural model for the Sudoku game from a scope statement.<br>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.<br><b>Tools used:</b> Java, Eclipse, IBM Rational Software Architect, Word   |
| February - April 2012   | – | <b>Advertisement website (like craigslist) for e-Commerce</b> (Group Project)<br>Designed a free advertisement website for sales and rental of real estate, sales of electronics and training modules.<br>Modelled and created a <b>MySQL</b> database and developed the website while respecting the <b>W3C</b> standards for <b>HTML5</b> and <b>CSS3</b> .<br>This required excellent teamwork and good coordination between team members to ensure the project was delivered in line with specifications and within time limit.<br><b>Tools used:</b> PHP5, HTML5, CSS3, JavaScript, Apache, MySQL, SQL Developer, NetBeans, FileZilla, Word   |
| January – February 2012 | – | <b>Website Development</b> (Group Project)<br>Created an ergonomic website using <b>PHP5</b> and <b>JavaScript</b> to manage different groups of teachers and students in various secondary schools. Modelled and created a <b>MySQL</b> database and developed the website while respecting the W3C standards for <b>HTML5</b> and <b>CSS3</b> . <ul style="list-style-type: none"><li>Modeled and created a MySQL database</li><li>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</li><li>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.</li><li>Exportation of established groups into a CSV file</li></ul> <b>Tools used:</b> PHP5, HTML5, CSS3, JavaScript, Apache, MySQL, NetBeans, FileZilla, LAMP, Word |
| October – December 2011 | – | <b>Mini UNIX Shell</b> (Group Project) Developed a mini UNIX shell similar to the Bash shell in Linux operating systems. Implemented different functionalities of the <b>UNIX</b> shell – pipes, redirection, input-output commands, environment variables, background tasks, directory management etc. in C language.<br><b>Tools used:</b> C, CodeBlocks, Word   |
| October – December 2011 | – | <b>Vehicle Rental Services</b> (Group Project)<br>Designed and created 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 <b>W3C</b> standards for <b>XHTML 1.0</b> and <b>CSS2</b> .<br><b>Tools used:</b> PHP4, XHTML 1.0, CSS2, Oracle, Apache, NetBeans, FileZilla, XAMPP, Word  |
| February – April 2011   | – | <b>Genetic Tree</b> (Individual Project)<br>Developed a simple graphical user interface in <b>Java</b> to simulate mitosis and meiosis process of human chromosomes and developed algorithms to determine gene expressions on a subject<br><b>Tools used:</b> Java, UML, Eclipse, Word   |

WORK/INTERN EXPERIENCE

|                           |   |  |
|---------------------------|---|--|
| January 2016              | – | <div>Server side Developer at Ninja Egg 株式会社 – Osaka, Japan (Current position)</div> <div>Tasks</div> <ul style="list-style-type: none"><li>Develop new functionalities to manage company related tasks such employee work statistics, job reports etc.</li><li>Implement new features for one of Ninja Egg’s web browser game</li></ul> <div>Tools: Python, Django, Redis, HTML5, CSS3, JavaScript, MySQL, Git, JIRA (Agile development)</div>  |
| February – August 2015    | – | <div>PHP Developer Intern at SERENIS (subsidiary of the G7 Group) – Clichy, France</div> <div>Tasks</div> <ul style="list-style-type: none"><li>Creates scripts to transfer data from XML and CSV files to the SERENIS’s database.</li><li>Migrate SERENIS's intranet to the recent <b>MySQL 5.6.23</b> version and <b>PHP 5.6</b> version</li><li>Update <b>PHP</b> pages and scripts from old PHP mysql_* extension to <b>PHP PDO</b> extension</li><li>Create <b>PHP</b> scripts to edit and export data from the database to Microsoft Excel</li><li>Create a new website for SERENIS</li></ul> <div>Tools: Java, JAXB, PHP5, XHTML, CSS3, JavaScript, MSSQL, JTDS, Apache, NetBeans</div>   |
| May – August 2013         | – | <div>Software Developer Intern at MNCC SARL – Paris, France</div> <div>Developed an API to migrate data from a <b>Google App Engine</b> Database (NoSQL database) to a <b>PostgreSQL</b> database. Improved the performance of different web applications previously developed by MNCC and developed various software features for these applications.</div> <div>Key Achievements</div> <ul style="list-style-type: none"><li>Configured a <b>Google App Engine</b> workspace</li><li>Succeeded in migrating the company’s data without any loss</li><li>Optimized the performance of the web applications</li><li>Worked closely with developers to determine which software features to implement for existing web applications</li></ul> <div>Key Skills Gained</div> <ul style="list-style-type: none"><li>Knowledge gained in <b>NoSQL</b> and <b>Ruby on Rails</b></li><li>Improved knowledge of <b>Java</b> and <b>Eclipse</b></li><li>Improved communication skills</li></ul> <div>Tools used: Java (J2EE), JUnit, Google Guava, Google App Engine, PostgreSQL, JDBC, Ruby on Rails, Eclipse, Git</div> |
| April – June 2012         | – | <div>Java Developer intern at the Computer Science Department of Université de Cergy-Pontoise — France</div> <div>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 <b>MySQL</b> and <b>Oracle</b> databases in a <b>Windows</b> and <b>Linux</b> computer operating system.</div> <div>Key Achievements</div> <ul style="list-style-type: none"><li>Installed <b>Apache</b>, <b>Tomcat</b> and <b>Mondrian</b> servers on Windows and Linux computers</li><li>Developed the graphical user interface in <b>Java</b></li><li>Wrote <b>bash shell</b> scripts for certain configurations on <b>Linux</b> operating systems</li></ul> <div>Key Skills Gained</div> <ul style="list-style-type: none"><li>Effective behavioral management</li><li>Improved understanding of <b>Java</b></li></ul> <div>Tools used: Java, JUnit, Script Shell, Apache, Mondrian OLAP, MDX, MySQL, Oracle, ODBC, JDBC, Eclipse, Word</div>  |
| June – August 2011        | – | <div>Computer Science Tutor at Maisons des Etudiants, Université de Cergy-Pontoise – Cergy</div> <div>Taught basic computer skills to the elderly.</div> <div>Main Tasks</div> <ul style="list-style-type: none"><li>Installation and usage of computer peripherals such as keyboard, mouse, webcam etc.</li><li>Basic Microsoft Word and Excel usage including file and folder management</li><li>Web navigation and emailing and online shopping</li><li>Password protection, precautions against scams, phishing, junk mails, identity thefts etc.</li><li>Skype/Yahoo Messenger Account creation and protocols of online conversation</li></ul> <div>Key Skills Gained</div> <ul style="list-style-type: none"><li>Interpersonal and communication skills</li><li>Patience</li><li>Successfully developed a conducive learning environment</li></ul>   |
| November 2010 – June 2011 | – | <div>Mathematics, English and Computer Science Tutor at College Les Toulouses – Cergy,</div> <div>Coached students in their last year of Secondary school in Mathematics and English in preparation for the Baccalaureate (High school diploma). Taught Java basics and Introduction to C language to students wishing to pursue undergraduate studies in computer science.</div> <div>Main Tasks</div> <ul style="list-style-type: none"><li>Remedial actions on weak points: Mathematics and English</li><li>Java and C language tutoring</li></ul>  |

COMPUTER SKILLS

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, PostgreSQL, MSSQL, PL/SQL, Script Shell (Bash), UML, JavaScript, Python, XML, C++

3. **Web servers and APIs:** LAMP, XAMPP, WAMP, EasyPHP, JDBC, ODBC, JTDS, Redis, JIRA

4. **Operating systems:** Android, Windows XP/Vista/7/8, Ubuntu, Windows Server 2003 (Active Directory), FreeBSD

5. **Networking:** Configuration of a local network TCP/IP (DHCP) and knowledge of firewalls, HTTP, UDP, SSH and SMTP

6. **Virtualization:** Self-taught on VirtualBox and VMware

7. **Others:** Design patterns, Agile development

LANGUAGES

- Native English speaker and fluent in French

• Daily conversational Japanese (JLPT 4 certificate)

HOBBIES

- Football, computer, chess and watching animal documentaries.

履 歴 書

平成 28 年 8 月 5 日現在



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|--|--|-------------------------------|
| ふりがな<br>氏 名  | モハマッドカビール・アブドウルサラム<br><b>Mohammad Kabir Abdulsalam</b> | 印                             |
| 昭和 62 年 7 月 2 日生 (満 29 歳) <span>男</span> ・ 女   |  |                               |
| ふりがな オオサカフ、オオサカシ、テンノウジクウエシオ 3 チョウメ 7-8<br>さんしゃいんウエシオ 502 ごう<br>現住所〒543-0002<br>大阪府大阪市天王寺区上汐 3 丁目 7-8<br>サンシャイン上汐 502 号 |  | 電話<br>携帯電話番号：<br>090 866 3950 |
| ふりがな   |  | 電話                            |
|  | 方  |                               |

| 年     | 月 | 学 歴・職 歴 (各別にまとめて書く)                                  |
|-------|---|--|
|       |   | 学 歴  |
| 平成 14 | 6 | ザマニ・カレッジ 中学校 卒業 (ナイジェリア)                             |
| 平成 14 | 9 | ザマニ・カレッジ 高校 入学 (ナイジェリア)                              |
| 平成 17 | 6 | ザマニ・カレッジ 高校 卒業 (ナイジェリア)                              |
| 平成 17 | 9 | スクール・オブ・プレリミナリー・スタディ 予備学部 入学 (ナイジェリア)                |
| 平成 19 | 5 | スクール・オブ・プレリミナリー・スタディズ 予備学部 卒業 (ナイジェリア)               |
| 平成 21 | 9 | セルジー・ポントワーズ大学 - 計算機科学学科 - 学士 入学 (フランス)               |
| 平成 24 | 4 | セルジー・ポントワーズ大学 - 計算機科学学科 - 学士 卒業 (フランス)               |
| 平成 24 | 9 | マルヌラヴァレ大学 - 計算機科学学科 - 修士 入学 (フランス)                   |
| 平成 25 | 4 | マルヌラヴァレ大学 - 計算機科学学科 - 修士 卒業 (フランス)                   |
| 平成 25 | 9 | パリ第 6 大学 (ピエールとマリ・キュリー) - 科学とソフトウェア技術 - 修士 入学 (フランス) |
| 平成 27 | 6 | パリ第 6 大学 (ピエールとマリ・キュリー) - 科学とソフトウェア技術 - 修士 入学 (フランス) |
|       |   |  |
|       |   | 以上   |
|       |   |  |
|       |   |  |

|       |   | 職 歴   |
|-------|---|---|
| 平成 24 | 4 | 2012 年 4 月から 2012 年 6 月まで、セルジー大学の研究室にて研修 (フランス) インターンシップ (Java 開発者) |
| 平成 25 | 5 | 2013 年 5 月から 2013 年 8 月まで、MNCC 有限会社にて研修 (フランス) (ソフトウェア開発者)          |
| 平成 27 |   | 2015 年 2 月から 2015 年 8 月まで、Serenis 会社にて研修 (フランス) (PHP 開発者)           |
|       |   | 契約満了により退社   |
| 平成 28 |   | Ninja Egg 株式会社、サーバーサイドエンジニア (現在に至る)                                 |
|       |   |   |
|       |   | 以上  |

| 年   | 月 | 免 許 ・ 資 格                       |
|---|---|---------------------------------|
|   |   |                                 |
| 志望の動機、特技、好きな学科など<br>ウェブやモバイルアプリケーションなどを開発したいです。私は私の以前の仕事の経験を活用し、あなたの会社の IT 部門で積極的な役割を果たしたいです。また得意の多プログラミング言語能力も生かすことができます。  |   | 通勤時間<br>約 時間 分                  |
| 特技：日本語 (独学により、現在は日本語能力試験 4 級レベル)、英語 (母国語)、フランス語 (母国語レベル)<br>プログラミング言語 (Python、Java (Android)、C、PHP5、HTML5、CSS3、MySQL、Apache、オラクル、PL/SQL、PostgreSQL、スクリプトシェル (バッシュ)、UML、JavaScript、XML、C++)、<br>コンピューター (Django、エクリプス、ネットビーンズ、ファイルジラ、ワイヤシャーク、アパッチ トムキャット、MySQL Workbench、リブレオフィス、マッキントッシュ、マイクロソフト版オフィス等) |   | 扶養家族数 (配偶者を除く)<br>0 人           |
| オペレーティングシステム：(Linux、Macintosh、Microsoft Windows)<br><br>ソフトウェア工学原則：アジャイルソフトウェア開発<br><br><a href="#">私の Github</a>   |   | 配偶者 ※ 有 ・ 無<br>配偶者の扶養義務 ※ 有 ・ 無 |
| 好きな学科：言語学習、<br>趣味： サッカー、チェス、動物のドキュメンタリー鑑賞   |   |                                 |
| 本人希望記入欄 (特に給料・職種・勤務時間・勤務地・その他についての希望などがあれば記入)   |   |                                 |
| 希望職務：情報技術部門<br>勤務地：大阪府<br>給与：ご相談させて頂きたいと思っております   |   |                                 |