Nan **WANG**

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Male, Chinese, 26, Married

Education

- 2013 – 2014   **Imperial College London** *(Msc)(London, United Kingdom)(Currently)*
  - ➢ *Major: Software Engineering (Computer Science)*
  - ➢ *Courses: Advanced Database, Network Security, Distributed System, Pervasive Computing, Software Engineering, Software Reliability, Robotics*
- 2010 – 2013   **ENSEA, Electronic Grande École** *(Diplôme d'ingénieur & Master)(Paris, France)*
  - ➢ *Major: Computer Science & System (Bac +5)*
  - ➢ *Courses: Network Architecture, Algorithmic, Digital Circuits, Parallel Processors, Marketing, Operating System, System on chip, Software Engineering, Probability&Statistics, Electronics*
- 2006 – 2010   **University of Nanchang** *(211, China)*
  - ➢ *Major : Electric Engineering & Automatisation*

Professional Experiences & Projects

- 2013 – 2014   **Project: Web User Interface – Pig Latin Debugger** *(Imperial College)*
  - ➢ *Hadoop, Pig Latin, Pig Java API, Java (Hibernate), MySQL, Node.js, JavaScript, jQuery, Bootstrap, HTML/CSS*
- 2013 – 2014   **Research Project: Data Management in Big Data** *(Imperial College)*
  - ➢ *Hadoop, Pig Latin, Hive, HCatalog, Cassandra, MySQL Cluster (3 months)*
- 2013 – 2014   **Group Project: OpenStack Cloud - Flyway** *(Facebook Open Academy Project, Imperial College)*
  - ➢ *Migration of OpenStack clouds (Flyway), OpenStack Python API, Python, Git, Agile Development (4 months)*
- 2013 – 2014   **Project: Wireless Sensor Communication** *(Imperial College)*
  - ➢ *Micaz Mote, TinyOS, nesC (2 months)*
- 2013.2 – 2013.8   **Internship: Mobile Development of HTML5** *(6 months)(Airweb, Paris)*
  - ➢ *J2EE (Hibernate, JDBC), PHP, MySQL, JavaScript, HTML5/CSS3, jQuery/jQueryMobile*
- 2012 – 2013   **Project: 3D Search Engine** *(ENSEA)*
  - ➢ *JSP, JavaScript, HTML5/CSS3, Tomcat 7.0*
- 2012 – 2013   **Project: AI Card Game "Tarot"** *(ENSEA)*
  - ➢ *C++ (Qt), Qt Creator (1 month)*
- 2011 – 2012   **Project: Android Application "Snake"** *(ENSEA)*
  - ➢ *Java, Android SDK 4.0, Eclipse (1 month)*
- 2011 – 2012   **Application: Game "Snake", "Gomoku Battle Game"** *(ENSEA)*
  - ➢ *Java Network Programming, Swing, Eclipse, C++(SFML), Code Blocks*
- 2011 – 2012   **Project: Game "Simon"** (ENSEA)
  - ➢ *C, 32-bit ARM Cortex STM32, Keil uVision4*

Competences

Programming skills

Java (Servlet, JSTL, Android, JDBC, Applet, Hibernate, JavaBean, JPA, JAXB, Swing, Network)   *Python*   *C++ (Qt, SFML)*

JavaScript (Node.js, jQuery, jQueryMobile, Ajax, JSON)   *Database (MySQL, PostgreSQL, Hadoop, Hive, Pig Latin, HCatalog, Cassandra)*

HTML/CSS, PHP, C, Shell Script, LaTex, UML, VHDL, nesC

Tools: Eclipse, Tomcat, IntelljIdea, Pycharm, Qt Creator, Code Blocks, Netbeans, Matlab, Keil uVision4

OS: Linux, Mac OS, TinyOS, Windows

Languages

English: Fluently   *French: Fluently*   *Chinese: First Language (Manderin)*

Hobbies

Swimming, Reading, Basketball, Football, Guitar