Satoshi Iwao

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**Summary of Qualifications**

* Web development, Web server administration, and database management skills
* Strong Java and object oriented programming skills
* Application development skills
* Solid planning and logical thinking skills
* Communication skills in both English and Japanese

**Education**

* Diploma, Computer Science and Information System program,

Douglas College; GPA: 4.022016

* MS, Mathematics, Saga University, Saga, Japan 2012
* BS, Mathematics Saga University, Saga, Japan 2010

**Skills and Capabilities**

* Developing Java/C#/Android application and Website
* Basic programming language knowledge (Java, C#, JavaScript, PHP, HTML, CSS)
* Advanced Java programming skills (Recursion , Generics, Sorting and Searching Algorithm, Collection framework, Concurrency, and Socket, JavaFX libraries)
* Object oriented programming (Encapsulation, Inheritance and Aggregation, Polymorphism, and Abstract and Interfaces)
* Basic Linux commands
* SSH connection (PuTTY and psftp operation)
* Web programming techniques and libraries (AJAX, JQuery, Bootstrap, Smarty)
* Developing and designing database (MySQL, PostgreSQL)
* Web administrating skills (security, monitoring Web server, optimizing Web server)
* Web server (Apache, IIS)
* Version Control System (GitHub)
* Basic CMS skills (WordPress)
* Fluent Japanese and English language

**Activities and Interests**

* Math Tutoring, Educan Consultants, Vancouver 2015

**Awards and Achievements**

* Douglas College International Education Award of Distinction for academic outstanding achievement Jan 2015
* Douglas College Dean’s list May 2014, Sep 2015, and Jan 2016

**Work Experiences**

* Jr. PHP Developer (Contract) Vancouver, BC

Spiral Software Inc. Feb 2016 – Present

* HItobito Link (Web application)
* PREMOA (EC Web Application)

**Main Responsibilities**:

* + Maintenance on existing Web application
  + Adding new functions to existing Web application
    - Pagination function to organize list of products
    - Customer form for online shopping
    - Sorting function for listing of products using external API
    - Forget password recovery function using sending email and one-time URL

**Projects during Diploma Programs**

* Binary and AVL Tree Projects – displays binary and AVL search trees with animation. Users can create own binary/AVL tree and can insert, delete, and search nodes. Also, Animation control is available such as changing animation speed, play/stop/previous/next buttons, checking progress of current animation.
  + Language: Java 7
  + IDE: Eclipse
  + Techniques: Binary Search Algorithm, Generics, Recursion, JavaFX, and Linked List
  + How it works: <https://youtu.be/NNU1-nGSe7I>
  + Source Code: <https://github.com/SatoshiIwao/BinaryandAVLProject.git>