

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: 4.02 2016
- 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>