

Frank Yu

Software Developer

Secaucus, NJ - Email me on Indeed: [indeed.com/r/Frank-Yu/acdce42d52d4719c](https://www.indeed.com/r/Frank-Yu/acdce42d52d4719c)

Software Engineer with solid hands-on experience building a large-scale web application from bottom up within a fast-paced agile team. A quick learner and problem solver. Committed to deliver high quality code. Always willing to take on challenges. Efficient communicator and team player.

Willing to relocate: Anywhere

Authorized to work in the US for any employer

WORK EXPERIENCE

Software Developer

Laboratory Information Management, Great Lakes Bioenergy Research Center - Madison, WI - December 2015 to April 2017

Drove the end-to-end design and implementation of our Plant Documentation Improvement system, which enables agronomy organizations to design their experiment, accurately capture their data and improve their technicians' documentation

Advanced the implementations of the configurable Online Ordering System, which ensure the entire material production chain between each group work better

Designed and Implemented iPad online and offline sample collection mobile apps for seeds group collecting data from remote field locations where Internet connection was not available

Responsibilities:

1. Understand customers' needs through meetings and on-site interviews
2. Design an optimal workflow to address customers' needs
3. Implement a full stack solution for the optimal workflow
4. Maintain system quality through extensive code review and functional testing
5. Mentor junior developers on my team

Java Intern

Premium IT, Inc - New York, NY - April 2015 to October 2015

Developed Bank Payment Obligation applications using Java, JSP, J2EE, web programming technologies including HTML5, CSS, JavaScript and XML/JSON

Focused on development of back-end tiers which enhance Purchase Order Financing which helps company could be able to afford the supplies necessary to meet the client's particular needs

Enhanced and implemented Document Preparation Module which integrates with BPO Issuance, Invoice, Shipment system

Worked with Oracle database using SQL and PL/SQL.

Software Developer

Purchasing & Sales Analysis, Palm XJ Technology Co. Ltd - Urumqi, CN - February 2012 to August 2013

Involved in the software development life cycle (SDLC) of the project include the phases of design, implementation and verification.

Involved in the development of various Java beans for account summary, transaction history and reference data module using Core Java such as collections Framework, Generics, exception handling, etc.

Involved in working with Oracle database using SQL and PL/SQL. Used JNDI for naming and Directory Services.
Created HQL for querying, updating, modifying and saving model objects to the database and wrote stored procedure in Oracle.
Used Hibernate Annotations for mapping based on E-R diagram and bean classes instead of creating configuration files.
Developed complex service components for Data Access Layer, DAO classes to interact with back-end using J2EE, Hibernate Framework and Hibernate Template.
Implemented asynchronous request handling & partial refreshing by using AJAX.
Used SAX and DOM for XML data generation and presentation.

Java Intern

Xi Ling Information Technology Co. Ltd - Urumqi, CN - June 2010 to October 2010

Involved in Agile development team for developing and testing
Involved in developing the application level flow by utilizing Java, JSP and Servlets
Involved in designing database schema using ER diagrams
Created the Data Access Objects and mapped POJOs to database by using Hibernate
Used HTML, CSS and JavaScript/JQuery for creating front-end UI pages

EDUCATION

Master of Engineering in Computer Science in Computer Science

Stevens Institute of Technology - Hoboken, NJ
May 2015

Bachelor of Engineering in Computer Science in Computer Science

North China Electric Power University - Beijing, CN
July 2012

SKILLS

C# (Less than 1 year), CSS (Less than 1 year), Java (2 years), JavaScript (Less than 1 year), SQL (2 years)

ADDITIONAL INFORMATION

Specialties:

Web development: Javascript, KnockoutJS, JQuery, HTML, CSS
Java, C#

Relational DataBases, SQL
Agile Development, Scrum
Git, Continuous Integration