

Yu Pan

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<http://impanyu.github.io/projectlist.html>

SKILLS & QUALIFICATIONS

- **Programming languages:** C/C++, Java/JEE, JavaScript/jQuery, HTML5, CSS, Linux Shell
- **Technologies:** Web service (SOAP/ RESTful), Servlet/JSP/JSF, AJAX, OO design, Responsive web design, JUnit
- **Operating Systems:** Linux, Windows, Mac
- **Algorithms:** BFS, DFS, DP, Divide & Conquer, Greedy, Binary Search, Backtracking, Sorting (several), KMP
- **Databases:** SQL (SQL Server, MySQL), ERD-Data models, Data Flow Diagrams

EDUCATION

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|---|----------------|
| Illinois Institute of Technology | Chicago, IL |
| • Master of Information Technology and Management GPA: 3.89/4.0 | 05/2015 |
| • Master of Science in Computer Science GPA: 3.63/4.0 | 05/2012 |
| University of Electronic Science and Technology of China | Chengdu, China |
| • Bachelor of Science in Computer Science GPA: 3.08/4.0 | 07/2008 |

TECHNICAL PROJECTS

- **Independent Project: Space Demo**
 - Simulated the formation of a galaxy using HTML5 canvas
- **Independent Project: Chat Room**
 - Implemented a chat room application based on node.js, socket.io, and express framework
- **Independent Project: Tank Shooting Game**
 - Applied an online two-player tank shooting game using JavaScript, WebRTC, and HTML5
- **Independent Project: Web Video Player**
 - Designed and implemented a YouTube-like web video player using JavaScript and jQuery
- **Independent Project: Image and Video Viewer**
 - Created a Single Page Application (SPA) of a local image/video viewer
- **Class Project: Employee Management Website**
 - Participated in a team of 5 to design a employee management website using JSP/JSTL and MVC pattern
- **Class Project: SOAP Web Service Demonstration Site**
 - Built a site calling five web services (SOAP) which in turn retrieve data in a MySQL database
- **Class Project: Coffee Store Website**
 - Analysed business requirement, designed, and implemented a website for a coffee store

EMPLOYMENT

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| Web Developer Contractor, Innov8tek LLC, Chicago, IL | 11/2015 – current |
| • Deliver web development and other technologies to software products and web services | |
| • Ensure products and services support the growing and changing needs of the clients business | |
| Web Developer Intern, WorldRichman Manufacturing Corporation, Chicago, IL | 11/2015 – current |
| • Maintain, expand, and scale the website of the corporation by using WordPress Framework | |
| Teaching Assistant, Illinois Institute of Technology, Chicago, IL | 08/2012 – 05/2013 |
| • Assisted in teaching Object Oriented Design and Programming (CS445) and Broadband Network (CS 548) | |
| Associate Editor, Sichuan Institute of Computer Science, Chengdu, China | 09/2008 – 04/2009 |
| • Gathered and processed Information by researching high-level magazines in relevant areas | |

AWARDS

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| • Meritorious Winner in the Interdisciplinary Contest in Modeling (ICM) | 2007 |
| • Second Prize in the National Mathematics Modeling Contest (Sichuan China division) | 2006 |