Erin Du

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Programmer for **Web** and **Games**. Passion for problem solving.
4+ years experience on backend Java for web application and **1 year diploma about Game Programming** at Vancouver Film School .

EXPERIENCE

Super Neon Colosseum - UE4, C++, Multiplayer hovercraft shooter game - Networking Programmer - Team of 6

Summer 2017 , Vancouver Film School, Vancouver, Canada.

- **Networking Programmer** - Implemented features that related to multiplayer. Hosting and joining a session, character selection, respawning, score counting, player ranking and replication.

- **Data Visualization** - Created a web-based tool to show heatmaps of the player movement data to help designers analyzing it.

Car DB Input Tool - WPF, C#, In-house windows application, Sub-lead programmer, Team of 5

2015 - 2016 , Lifebox, Tokyo, Japan.

- **Sub lead programmer** - Supported lead programmer, managed 3 junior programmers to design UI, RDB and coding a windows application for a car lease company to input complex data of cars.

- **Web application programmer** - Worked for a job searching web service which has modern development environment such as ticket driven workflow, auto build system from GitHub to AWS. I have added some searching keyword for the service, and learned the idea of how to make full text search with Apache Solr.

Online Payment Web Service, - Struts, Java, Frontend and Backend programmer, Team of 7 to 20

2012 - 2015 , Yamato System Development Co., Ltd., Tokyo, Japan.

- **Security Programmer, QA** - Implemented and designed tests for preventing it from vulnerability such as XSS, SQL injection, session fixation for an online payment service to keep security standard for credit cards, PCIDSS.

- **Web application programmer** - Implemented API, OAuth, Refund features for the online payment service. Designed backend batch, which relates payment data to delivery data using COBOL .

EDUCATION

Vancouver Film School, Vancouver, Canada— *Diploma*

Feb 2017 - Feb 2018

Programming for Games, Web + Mobile.

Sophia University, Tokyo, Japan— *Bachelor of Arts*

Apr 2008 - Mar 2012

Japanese Language and Literature.

SKILLS

Frontend Development

HTML5, CSS , JavaScript(ES5, ES6) , Ajax, AngularJS , jQuery, Bootstrap 3-4,

Backend Development

Java Servlet , JSP, Struts 1-2 Python , Django, Backend Batch design, SQL , NoSQL , Oracle , MySQL, Apache Solr

Game Development

C++, Unreal Engine 4 , C# , Unity , VR, JavaScript, Box2dWeb

Etc...

Secure Programming for Web UML design (Sequence diagram , ER model), WPF, Redmine, Selenium , jUnit , Jenkins, Perforce , CVS , SVN , Git, Bash , VBA , windows bat

LANGUAGES

English - Professional
Japanese - Native
Chinese - Native

PASSION

Programming
- Helping people or with programming motivate myself

Seeing arts
- Going to musium

Reading
- Classic, History, Fantasy, SciFi
- Novels, Mangas