Limeng Ruan

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Website: http://lemonruan.github.io/lemonruan/

➤ **Education**
- Stony Brook University, NY (August 2014 to May 2018)
- Major in Computer Science. B.S.
- GPA: 3.35/4

➤ **Skills/Strength**
- Java , C, C++, C#, MySQL, Javascript, Html, CSS, SML, Prolog, MIPS.
- Professionalism: Git version control, good code readability.
- Loves playing and making computer games, but is equally capable of and interested in developing other softwares.
- Experience in Tools and Frameworks: Android Studio, JDBC, Spring.
- Experience in Game Related Softwares: Unreal Engine 4, Unity, Blender.

➤ **Not Game Projects**
- ***Chicken Dinner In the sky (An airline booking website. JSP, Java, MySQL)***
  - Designed the database and wrote all the database related backend code in Java and MySql.
- ***Web Spotify (A music website. JSP, Java, Spring, Hibernate)***
  - Coded 70% of all backend functions in Java all of frontend Javascript and most of the CSS.

➤ **Game Projects**
- ***Dismember - 2D side scroller game(in C++, XML):***
  - Champion of Annual Game Programming Competition at Stony Brook University in May, 2016. http://www3.cs.stonybrook.edu/~games/
  - Lead programmer and designer of the game.
  - Some Experience in coding and modifying a game engine. Ex: implemented Box2D and all the associated physics related code.
- ***Dismember Remake (Unreal Engine, C++ and Visual Scripting):***
  - A project for a publishable version after good feedbacks from people.
  - Responsible for all the coding.
  - Multiplayer feature built using Unreal's networking API.
  - A brief description on the interesting part about cross-network physics: http://lemonruan.github.io/lemonruan/skill-page.html#physics Simulation
- ***Tech Wars - 3D RTS game(Unity, in C#):***
  - Responsible for all the coding.
  - Use this link to download and play this demo (Use **1366 * 768** resolution! In case you not reading from the website): http://lemonruan.github.io/lemonruan/skill-page.html#unity
- ***Benevolent Computing:***
  - Communicating directly with a local organization that helps children under family violence.

- - - Designing and making a Javascript character builder game for children at Sunshine Prevention Center.
- ➢ **Experiences**
  - ○ ***Student Assistant as Web Administrator for Computer Science Department***
    - ■ Manages and update majority of the websites of the department, responsible for creating some. Example: responsible for the template remake of the department website in summer www.cs.stonybrook.edu
    - ■ Abundant experience with Drupal CMS, HTML, CSS, javascript.
    - ■ Work with Linux servers everyday. Familiar with Linux commands.
  - ○ ***Teaching Assistant for cse219(Fall and Summer 2016)***
    - ■ Material: Java, JavaFX, Json, HTML, XML and some simple design patterns: model view controller, state, singleton, etc.
    - ■ Held office hours and helped with recitations.