

# Jun Ma

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## Targeting roles in:

**SOFTWARE DEVELOPMENT | PROGRAMMING | GAME DEVELOPMENT | OR RELATED**

A highly motivated and skilled recent graduate with a Bachelor's Degree in Computer Science, who is keen on applying academic foundation and practical experience. Multi-cultural background and bilingual in English and Chinese. Adept at learning and applying new complex technical concepts in a short period of time. Thrives under-pressure in fast-paced environments.

## TECHNICAL SKILLS:

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**Operating System:** High-level of experience with Windows OS, MacOS X and Linux

**Programming Skills:** Experienced with **Java, C, C++, Lua, HTML/CSS/JavaScript**, Shell Scripting, Python, TCP/IP

**Software Packages:** MS Office Suite, Visual Studio, Eclipse, Unity3D, Photoshop, Blender, Git

**Database:** MySQL, SQL, SQL Server

**Language:** English, Chinese

## PROJECT EXPERIENCE:

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### High Performance Computer Project, 2017.9 - 2017.12

- Built a distributed HPC in both hardware and software
- Combined the cluster with WareWulf in Debian
- Developed a GameOfLife and a tokenizer using Java/C++/Python alone with MPI library
- Learned Slurm, Torque

### Software Engineering Project, 2017.2 - 2017.12

- Designed and created a role-playing game in Agile Environment
- Used self taught skills at Unity3D and C#/JavaScript for game development
- Blender, Photoshop, and Tiled used to produce 3D and 2D object

### Compiler Construction Project, 2017.9 - 2017.12

- Designed and build a subset of C compiler using Java
- Used UML to draw the outline of class
- Got understand about the JVM

### Database Project, 2017.2 - 2017.5

- Designed a hospital webpage by PHP which can access the hospital database
- Used HTML/CSS/JavaScript for web development
- Created a hospital database used MySQL

## EDUCATION:

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### Bachelors of Science - GPA 3.45/4.0

**Computer Science**, Salisbury University, Salisbury, MD (2017)

Graduated Cum Laude

*Coursework:*

Advanced Data Structures | System Software | Software Engineering | Operating Systems | Database Management Systems | Computer Networks | HPC computing | Compiler Construction |

### Bachelors of Science

**Electronic Engineering**, AnQing Normal University, Anhui, China (2013)