

EDUCATION

University of Maryland College Park

- B.S in **Computer Science**, Honors College
- 3.7** GPA, Dean's List Fall 2017, Spring 2018
- Graduating **May 2020**

SKILLS

Programming Languages www.github.com/JerryGQian

- Java, C, C#, Python, AVR, Labview, Latex, HTML, CSS

Tools

- Unity3D, Android Studio, Illustrator, After Effects, Solidworks, Inventor, MATLAB, Bootstrap

EXPERIENCE

Melonius Games Founder, Game Developer

Dec 2011 - Present

Mar 2018 - Present



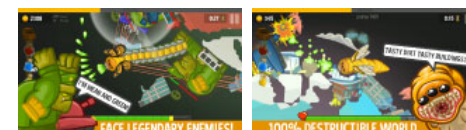
"Caterpillars Battles" in development...

- Multiplayer mobile game for Android and iOS
- Matchmaking, AI, Elo-inspired global rankings, AWS backend



"Caterpillars" <https://play.google.com/store/apps/details?id=ninja.qian.caterpillars> <https://itunes.apple.com/us/app/caterpillars/id1338595162>

- Mobile game for Android and iOS, with **40k+** downloads
- Custom physics engine, multithreaded destructible environment

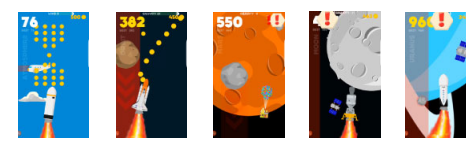


Dec 2017 - Feb 2018



"Liftoff" <https://play.google.com/store/apps/details?id=ninja.qian.Liftoff> <https://itunes.apple.com/us/app/liftoff-fly/id1149645273>

- Mobile game for Android and iOS
- Balance rocket runner game

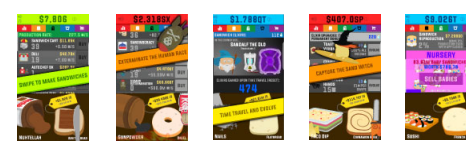


Jul 2016 - Aug 2016



"Sandwich or ELSE" <https://play.google.com/store/apps/details?id=ninja.qian.Sandwich> <https://itunes.apple.com/us/app/sandwich-or-else/id1135338032>

- Mobile game for Android and iOS
- Crazy sandwich idler, advanced menu system



Jun 2016 - Jul 2016



MelonCraft Network

- Built, designed, and operated a network of Minecraft servers for over **4 million unique players**.
- Largest Spanish speaking server

Dec 2011 - Mar 2016

Yang Academy Math Teacher

Jun 2017 - Aug 2017

- Taught summer math classes of **30+ students** covering Pre-Algebra, Geometry, and Algebra I & II at Montgomery College

PROJECTS / ACTIVITIES

Hackathons www.devpost.com/JerryGQian

Sep 2017-Present

- Chroma** - Developed mobile AR app that helps the colorblind distinguish colors with custom OpenGL shaders. @Bitcamp18
- Warp** - Developed mobile productivity app that skews time to your advantage. @HophacksFall17

UMD Hyperloop Avionics Team

Sep 2017-Present

- Competed in the **SpaceX Hyperloop 3 and 4 competition**
- Worked with team to design pod electronics
- Responsible for the pod's ambient pressure sensor, rotary encoder, and maxon motors

FIRST Robotics Team Captain, Mentor

2013 - Present

- Led and organized **FRC team 4638 and 4288** each with of **30+ members**
- Designed, CADed, built and programmed competitive robots to play annual game
- Won the 2014 North Carolina Regional and competed in the World Championship

