**Ge Zhu**

[zhu.ge1@husky.neu.edu](mailto:zhu.ge1@husky.neu.edu) **(781) 539-2294 Portfolio:** <https://yiulix.github.io>

Education

**Northeastern University, Boston, MA** **May 2019**

Master of Science in Game Science and Design

GPA: 3.5

**Hong Kong University of Science and Technology (HKUST), Hong Kong May 2017**

Bachelor Degree in Computer Science and Engineering

• Outstanding performance in COMP4451 Computer Graphics with an A+

Research Experience

**Real-time emotion sensing in a mobile game (final year thesis) Sept. 2016-May 2017**

• Enabled real-time feedback of a game to player’s emotions

• Trained data to get own emotion categorize model

• Used OpenCV and Dlib to realize real-time emotion detection

**Emotion sensing on wearable device (UROP in HKUST) June-Aug. 2016**

• Self-taught Java language and the usage of Android Studio, including Gradle, SDK, and NDK

• Wrote Android code to connect a USB camera to an Android device

**Localization using PTAM algorithm (UROP in HKUST) Sept. 2014-June 2015**

• Self-taught the file system and common operations in Linux OS

• Configured ROS and the camera calibration to run the PTAM algorithm

• Mastered the usage many useful learning tools, e.g. vim, MS Visual Studio

Related/Volunteer Experience

**Indie game development (self-developed projects) June 2016-Present**

• Learned C# and Lua

• Developed several games, detailed in portfolio above

**Internship in CISCO Systems (China) Networking Technology in Beijing May-June 2016**

• Installed the new administration software for the customer server

• Proposed running a virtual machine on cloud and tested it using Ravello and tested on PC

**Volunteer work in mainland China June-Sept. 2015**

39 hours of volunteer work, including but not limited to:

• Helped blind student in Beijing School for the Blind to attend lectures

• Helped as the stretcher man in medical care team in a soccer match

Skills

C++, C#, Lua

Unity 3D, Microsoft Visual Studio, Maya, Adobe Photoshop, Microsoft Office Suite

Native Mandarin, Fluent in English