# Andy Zhou

**2017 University Graduate**

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| **INTRODUCTION** | I am a self-taught programmer learning in full English and familiar with Web Front-end Development(HTML, CSS, JavaScript, jQuery, ES6, NPM, AMD, RequireJS, webpack, gulp, Jasmine, git and Angular 2). |

**PROJECT**

2016.4.27 - 2016.5.13 **A Simple Arcade Game Engine(and a game)**
- A simple JavaScript game engine and a game made out of it which is put on Company's 404 page and used to kill time for users who accidentally get to the page.
- Use HTML5 Canvas for Graphics drawing.
- Encapsulate browser Input Events for input handling.
- 2D collision detection using SAT(Separating Axis Theorem) and hand-crafted implementation.
- Other sub-systems of the engine are implemented in pure JavaScript.
- Use Git for version control and Github for hosting.

2016.8.12 - Present **Random Canvas Background Generator**
- A JavaScript plugin used to generate random background for HTML canvas. It's intended to be convenient to use to generate decent-looking background. It's designed to support multiple different modes and 'Polygonal' mode is currently supported. Other modes are still under development.

2016.5.26 - Present **ESL Suite Front-end Framework(CSS & JavaScript)**
- Encapsulate common styling, animation and responsive elements adjustment, a multi-key query container, pop-out window, slide-show, etc. used on ESL Suite website to a CSS & JavaScript framework. Simply putting required CSS classes in HTML elements or setting attributes to use it.

2016.9.2 - Present **Schedule Manager For Windows**
- A schedule manager for Windows, developed with **Angular 2, Electron and etc.**
- **Working on progress.**

2016.4.19 - Present **Github Personal Website(Andyrightnow.github.io)**
- A static website hosted on Github and used to introduce personal information and demonstrate personal projects.

**EMPLOYMENT**

2015.10 - 2016.7 **ESL Suite Front-end developer**

- Responsible for designing, implementing and maintaining the company website using Photoshop, HTML, CSS, Javascript, jQuery and Bootstrap, as well as a CSS & Javascript framework made by myself (www.eslsuite.com).

**CERTIFICATION**

2013.12 - **CET-4 Scores: 660/710**
2014.12 - **CET-6 Scores: 614/710**
2016.9 - **PAT Advanced Level Scores: 100/100**

**EDUCATION**

**Tianjin University of Finance & Economics** Marketing *2013.9 - 2017.5*