

# Xiu Zhu(Drew)

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## OVERVIEW

I'm a gamer. The recent games I play are Detroit: Become human & PUBG. I was a serious War3 & DOTA player (from v6.3 - 6.8), MOBA is my genre. It's easy for anyone to say "I'm a gamer" but what does that mean? I would quote Joker's line in <Suicide Squad> and say, a gamer not only plays, but also got inspired and lives by the games he love. I hope this piece of [fan art I just finished](#) proves me a little bit.

Technical perspective, I have 5 years programming experience in a wide range of technical stacks. Strong learning ability and willingness. Team player and efficient communicator, always took a role as key developer in team. Tech nerd and enthusiastic about efficiency and quality. Full stack web developer since beginning, and now an experienced front-end engineer. Looking forward to sharpen my skills and acquire new ones.

## HIGHLIGHTS

My [Github](#) is me as an engineer in a nutshell. Take the 6 pinned repos as example, I'm not a 10k-start repo maintainer but:

- I document seriously, in English, with working demo.
- I test seriously (~90% if it is non trivial component, e.g. jike-scada, utils)
- I devops seriously (travis is used for auto build/test/publish, life is too short for `sh push.sh`)
- I communicate seriously (all my PR/Issue are addressed properly, mostly within a few days)
- Multilingual, multiple topic (web, mobile, IoT..., although I can only be fluent in one at a time, now JS in web development, last time, Scala in server development)
- Fast learner (I'm a C++ noob, but there is an working CS-GO hack written in C++ which I learnt online.)

## EXPERIENCE

### General Electric; Healthcare Digital China, Front-end Engineer — 2017.4 - now

- Be front-end specialist in Asset Performance Management product team. Lead technical discussion in the team. Influence team member to adopt new tools or establish new working model. e.g.
  - ❖ arrange regular share sessions.
  - ❖ introduce testing framework and best practice to the team.
- Data visualization development, such as reports, dashboards. With UX team, implement modern, attractive final UI or reusable components. Not only leverage existing tools (like, D3, echarts), but also create in-house chart solution.
- Constantly evolve the project, not only the front-end side:
  - ❖ Migrate features from traditional SSR pages to a SPA/micro service architecture.
  - ❖ Combine scattered repos, unify technical stack to create a scalable front-end project and improve productivity.
  - ❖ Integrate & customize 3rd party components like BI tools.
  - ❖ Establish CI/CD pipeline, and collect data to show the necessity of taking this action.
- Be an early adopter of new techs in the team, learn with actions and spread the result to the other team members. e.g. Use my personal experience - performance tuning with immutable data structure - to persuade team to adopt such measure in key components of the software; Share my TDD(Test driven

development) experiences in front-end project, list pros and cons, to benefit others in their engineering practice.

- Interviewing front-end engineer for both Shanghai/Beijing team. Keep a open/consistent standard, and timely feedback, to make a better references for others.
- Tech stack: typescript/react + react-\*/antd/echarts

#### **Autodesk China R&D; Cloud Platform; Software Engineer — 2014.8 - 2017.4**

- Working on a RESTful API for Autodesk Revit/Fusion to manage/render materials. Based on asp.net. Built a browser based admin console, using Vuejs.
- Full stack developer of <https://apps.autodesk.com>. AppStore is a platform built for 3rd party developers or firms to share/sell their plugins. Based on asp.net, with jQuery and angular. Back-end is written in Scala/Play with MySQL. I'm the sole developer of back-end REST api and involved in most front-end development.

#### **SAP Labs China; Globalization Service; Developer — 2012.7-2014.8**

Developer of ERP Financial modules and their globalized version. Experienced ABAPer and lead team to deliver 3 Fiori(UI5) Apps. ABAP is SAP's own programming language and Fiori(UI5) is an enterprise Html5 framework.

#### **Autodesk China R&D; Localization Testing; Intern — 2010-2012**

Conduct automation testing for Autodesk hero products, develop necessary tools, many of them are using Python. Best Intern Award of 2011.

### **WORTH-SAYINGS**

Android native apps, Node.js, CICD pipeline(Jenkins, Docker) experience.

### **EDUCATION**

NWPU — Bachelor of Aerodynamics, 2009; Fudan University — Aerodynamics, 2012, completed all courses

### **SKILLS**

OOP, FP, JavaScript stack, React stack, Scala, C#, Android/Java, AWS, Git, REST, SQL, Non-SQL