Qiongying(Sue) Lin

SOFTWARE ENGINEER IN ST. LOUIS, MO

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Self-taught programmer and tinker for 3+ years. Former director and co-founder of a tech/STEM ed startup, an associate professor in art/business, and a tech/art columnist.

LANGUAGES		FRAMEWORKS		DATABASES	TOOLS
• **Java, Android**	• **C#**	• **Spring**	• **Flask**	• **MySQL**	• **Git**
• **Python**	• **SQL**	• **.NET**		• **Sqlite**	
• **JavaScript**	• **HTML5/CSS3**	• **AngularJS**		• **MongoDB**	

PROJECT EXPERIENCE

SaveDrivers Android app — Productivity app for driving school instructors(on going)
- Worked closely with the local driving school owner to come up with user stories and features.
- Independently developed the native android app with main features including: concise notifications and condensed calendars via api of Google Calendar/Map, YouCanBookMe, customized authentication system for different instructors, streamlined appointment rescheduling via one-click resolution mechanism.

Video Catalog System — Video management web application(on going)
- Established a VCS application to manage TB-size local videos regarding robotics, using C#, .Net, MySql.
- Used Python to crawl metadata from local videos.
- Fabricated customized tagging system for browsing and searching videos with MVC.

WORK EXPERIENCE

Director of Product, Shanghai Jiqu Technology LLC, Shanghai, Dec 2016 – Mar 2018
- Project manager of a team of 5 retired engineers in King of Bots(S1), a BattleBot-like reality show to build a 250 lb. combat robot; Responsible for budgeting, sourcing, design coordination, knowledge sharing, and public relations.
- Developed 30+ lesson plans on model making courses; Taught in over 50+ STEM workshops and classes in Shanghai Library and community centers, ages ranging from 6-adults as well as organizing training workshops for STEM teachers in K12 and high schools.
- Organized and served as judge for "Shanghai Future Start Innovation Technology and Model Competition"(13th-15th), which involved 50+ schools and 200+ attendees citywide each year, emphasizing using junk material to build practical robots; Led the overall process of rulemaking, logistics, and public relations.
- Designed and constructed several kinetic installation art pieces for maker spaces in elementary and middle schools.

Associate Professor, Xianda College Of Economics and Humanities, Shanghai International Studies University, Shanghai, Sep 2012 – Mar 2017

- Developed 10+ undergraduate courses over the years, boiled down to two main categories: business and art. Strong track score from students' feedback.
- Research specialty lies in open-source hardware & maker movement, with 3 related research projects; Published 20+ papers on art history, art policy and STEM education.

JOURNALISM, RESEARCH & PUBLICATION

Science Columnist, Children Publishing House, Shanghai, Dec 2016 – May 2019

- Periodically wrote accessible science experiment tutorials for "100,000 Whys", a monthly popular science journal for kids ranging from 5-14 year old. Responsible for the complete process of experiment designing, conducting, photographing, and writing.

Tech Journalist, techme.cn, Shanghai, May 2012 – Oct 2012

- Compiled tech news and introduced innovative trends on the international tech industry and periodically conducted in person interviews with tech startup founders and wrote in-depth reports.

Columnist, Song Ya Feng Art Journal, Beijing, Sep 2011 – Jul 2012

- Wrote 19 bimonthly features(avg. 5000-word) on various artists and exhibitions.

Researcher, Cultural Creative Industry Research Center of Renmin University of China, Beijing, Apr 2010 – May 2011

- Participated in topic selection and contribution of the bimonthly cultural creative industry review, published about 40,000-word featured commentaries(7 reports) in succession, regards to art market, online-game, steaming media, animation, performance and exhibitions.

EDUCATION

STLCC, Immersive CodeCamp — 2020
China Central Academy of Fine Arts, M.A. Arts Management — 2008-2011
Fudan University, B.B.A. Business Administration — 2004-2008

Award

- Second Prize in Shanghai University Teachers' Calligraphy Competition(2016)
- Renmin Scholarship (Third Prize) in Fudan (2007-2008)
- 2nd Prize of National "Challenge Cup" Business Plan Competition in Shanghai as team leader (2006)
- Fudan Excellent Practice Project on Jingdezhen ceramics industry(2006)
- Fudan Excellent Leader (2004-2006)