

# Xinyu You

youxinyu07@gamil.com | (+86) 176-007-3225 | <http://data2art.me>

## Education

### National University of Defense Technology

M.S. in Computer Science  
Expected Jun 2020 | Changsha, China

- Postgraduate recommendation
- Outstanding freshman scholarship

### Chongqing University

B.S. in Software Engineering  
2013 - 2017 | Chongqing, China

- 2017 TongZhen Scholarship (Top 4%)

## Skills

### Programming

Over 5000 lines:  
Python • Swift • Objective-C  
Over 1000 lines:  
JavaScript • SQL • HTML • CSS

### Data Science

Packages:  
Pandas • NumPy • Matplotlib • Scikit-Learn • PyMySQL  
Model:  
• Common Machine Learning Models

### Development

- iOS App Development
- Web Development

### Tools

- JupyterLab, Git, VS Code, XCode
- UI Design with Sketch

## Links

Blog:// [data2art](http://data2art)  
Github:// [yogayu](https://github.com/yogayu)  
LinkedIn:// [youxinyu](https://www.linkedin.com/in/youxinyu)

## Experience

### Google Summer of Code | Participant in Red Hen Lab

Apr 2019 - Present | Remote

Design and develop an online deep learning course for humanists

- 7,555 applications submitted by 31,000 registered participants, only 1,276 (4.1%) were accepted
- Mentor: Francis Steen, Mark Turner and Rajesh Kasturirangan
- Repo: <https://github.com/yogayu/deepLearningCourse>

### Baidu Inc. | Research and Development Engineer Intern

Dec 2016 - May 2017 | Beijing, China

- Implemented and fixed iOS client video module related functions: video release page, live display page, video player and data log, etc
- Optimized and developed automatic page refresh strategy and page preload list data strategy to effectively improve user experience

### Douban Inc. | iOS Software Engineer Intern

Jul 2016 - Nov 2017 | Beijing, China

- Participated in the douban summer camp and shared the experience from entry to the first App on the shelves
- Investigated iOS hotfix tools such as JSPatch, waxPatch and Rollout, and created JSPatch hotfix Demo
- Developed record page related requirements: customized list display, favorites, album details, comments, etc
- Optimized and fixed the iPad version App: redesigned the overall UI framework, adapt 10+ page layout and interaction

## Porjects

### Online Course | EduCoder.net

Sep 2017 - Nov 2018

Designed and implemented two online courses on the EduCoder platform, which by April 2019 has nearly 30,000 registered users from 605 universities:

- Face Recognition Course: explain the basic principles and apply OpenCV, Dlib and Face Recognition to Face detection, Face feature extraction and Face Recognition
- Web Development Basic Course : including HTML and CSS basic knowledge and relevant practice project

### Pulse App | iOS Independent Project

Mar 2016 - Jun 2016

Pulse is a clean and beautiful Metronome

- Independently completed the whole process from idea, design, coding, propaganda to the shelf
- App introduction and download site: [pulse.data2art.com](http://pulse.data2art.com)

### Automatic abstract system of Weibo | Graduate Project

Apr 2017 - Jun 2017

Designed and implemented a Chinese Weibo automatic summary system

- Collected and preprocessed the Weibo topic data set
- Used Hybrid TF-IDF and TextRank etc. algorithms to summarize different topic sets and compared the performance through ROUGE evaluation
- Implemented a Web System using Bootstrap and Flask framework

## Awards

2019	Top 8 (30+ teams)	Best maker project of Huazhong HackFun maker marathon
2017	Top 1.5%	Excellent undergraduate graduation project of CQU
2016	Top 10% of 6,000 teams	2 <sup>nd</sup> price in National Computer Design Competition
2015	1 <sup>st</sup> price	"Smart Campus" application competition of CQU
2015	3 <sup>rd</sup> price	IBM Master the Mainframe Global Contest