

# 游薪渝

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## 教育经历

国防科技大学  
硕士学位, 计算机科学与技术  
2017.09-2020.06 | 中国长沙

保送研究生

重庆大学  
学士学位, 软件工程  
2013.09-2017.06

2017 上海同振奖学金 (前4%)

## 技能

### 编程

超过 5000 行  
Python · Swift ·  
Objective-C  
1000 - 5000 行  
JavaScript · SQL · HTML  
· CSS  
低于 1000 行  
R · Java · C · C++

### 开发

一般:  
· iOS App Development  
了解:  
· Web Development

### 数据科学

库:  
Pandas · NumPy ·  
Matplotlib · Scikit-Learn  
了解:  
· 常用机器学习模型

### 工具

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

## 链接

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

## 实习经历

Google Summer of Code Red Hen Lab 项目参与者  
2019.05 至今 | 远程  
与 UCLA 教授 Prof. Steen 探讨并完成一套面向人文主义者的深度学习课程

- 包含感知机, 前馈神经网络以及相关项目实践
- 该项目共31,000人注册参与, 共提交了 5,999 份申请, 其中仅 **1,276 (4.1%,16.9%)** 个申请被谷歌接收
- 项目仓库地址: <https://github.com/yogayu/deepLearningCourse>

百度 Inc. 研发工程师 实习  
2016.12-2017.04 | 中国北京

- 实现并修复 iOS 客户端直播和视频模块相关功能:  
视频发布页, 直播展示页, 视频播放器和数据埋点等
- 优化并实现直播页面自动刷新策略, 和页面预加载列表数据策略, 有效提高用户体验

豆瓣 Inc. iOS 工程师 实习  
2016.07-2016.11 | 中国北京

- 参与豆瓣暑期夏令营, 分享从入门到上架第一款App的经验
- 调研 JSPatch, waxPatch 和 Rollout 等iOS 热修复工具, 应用 JSPatch 热修复
- 实现唱片页面相关需求: 自定义列表展示, 收藏, 专辑详情, 评论等
- 优化并修复 iPad 版本: 完成整体框架搭建, 适配10+页面布局和交互

## 项目

智能相册 iOS App 智能相册整理 App, 两人团队, 即将上架  
2019.05 至今  
功能: 快速定位不同时间点照片, 为照片添加标签和描述; 相似照片整理和检测;  
单张照片滑动快捷归档和删除; 照片搜索(包括时间、地点、标签等条件)。

- 负责 App 的需求设计和 UI 设计
- 自定义 UICollectionView 实现单张照片滑动快捷归档和删除

EduCoder 在线教育课程  
2017.09-2018.11

在拥有来自超过 603 所高校, 超过 30,000 用户在线教育平台 EduCoder 平台上, 设计并完成两门在线教育课程:

- 人脸识别课程: 讲解基本原理并使用OpenCV, Dlib以及 Face Recognition进行人脸检测, 人脸特征提取和人脸识别 Link: <https://www.educoder.net/paths/130>
- Web 基础开发课程: 包括 HTML5与CSS 相关基础知识与实践项目

新浪微博自动文摘系统 2017.04-2016.06  
设计并实现一个新浪微博话题自动摘要系统, 该项目获得校级优秀毕业设计

- 收集并预处理新浪微博话题数据
- 使用 Hybrid TF-IDF 和 TextRank 等算法对话题数据进行摘要, 并使用 ROUGE 评估其性能
- 使用 Bootstrap 作为前端, Flask 作为后端, 实现了一个完整的 Web 系统

## 所获奖项

2019	湖南省一等奖 (第1名)	AIIA杯人工智能巡回赛“Sophon”赛站
2019	前 8 (30+支队伍)	HackFun华中黑客马拉松 最佳创客项目
2017	前 1.5%	重庆大学优秀毕业设计
2016	前 10% (约 6,000 队伍)	中国大学生计算机设计大赛 全国二等奖
2015	一等奖	重庆大学智慧校园 App 设计大赛

# Xinyu You

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## 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

### Development

- iOS App Development

### Data Science

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

### Tools

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

## Links

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## Experience

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

Apr 2019 - Present | Remote

Work with Prof. Steen in UCLA to design and develop an online deep learning course for humanists

- Including perceptrons, feedforward neural networks and related project practices
- More than 31,000 students registered, 5,999 of whom submitted proposal, and only **1,276** students were selected (**4.1%**, **16.9%**)
- 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

- 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

## Projects

### Brilliant Album iOS App | Two person team, coming soon on App Store

2019.05 - Present

Brilliant Album can help you quickly sort, organize, detection similar photos and search for photos by tags, periods, etc.

- Responsible for the requirement design and UI design
- Customized UICollectionView to achieve quickly slide archiving and deletion of single photos

### Online Course | EduCoder.net

Sep 2017 - Nov 2018

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 principle and apply OpenCV, Dlib, and Face Recognition library to Face Detection, Face feature extraction and Face Recognition. Link: <https://www.educoder.net/paths/130>
- Web Development Basic Course : including HTML and CSS basic knowledge and relevant practice project. Link: <https://www.educoder.net/paths/15>

### Automatic abstract system of Weibo | Graduate Project

Apr 2017 - Jun 2017

Designed and implemented a Chinese Weibo automatic summary system

- 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	1st prize in Hunan	AIIA cup Artificial Intelligence tour "Sophon" station
2019	Top 8	Best maker project of HuaZhong Hack Fun maker marmthon
2017	Top 1.5%	Excellent undergraduate graduation project of CQU
2016	<b>Top 10%</b> of 6,000 teams	2 <sup>nd</sup> price in National Computer Design Competition
2015	<b>1<sup>st</sup></b> price	"Smart Campus" application competition of CQU