

Selected Projects

HashData – Official site (<i>H5, Bootstrap, Django, Ghost, Sphinx, Nginx</i>)	2016.10~2016.11
<ul style="list-style-type: none"> http://www.hashdata.cn/ Website showcasing HashData's core tech, products, etc., with responsive layout. Front-end decoupling by template inheritance and modularity. 	
Free Bandwidth Project (<i>H5, Django, RESTful API, Celery, Redis</i>)	2016.8~2016.9
<ul style="list-style-type: none"> http://www.mf010.com/ Web portal where users can earn free bandwidth by watching the ads. Used cache-backed sessions to detect cheating. Used Celery to decrease user's free bandwidth time at midnight every day, using Redis as the message broker. 	
SenseTime – Official site (<i>H5, CSS3, fullpage.js, Django, Nginx</i>)	2016.4~2016.6
<ul style="list-style-type: none"> http://www.sensetime.com Full-screen website demonstrating the core tech of SenseTime. Fancy animation with JavaScript and CSS3. Used Font-Spider to retrieve all the needed characters to reduce the delay. 	
CoolDraw – Hybrid drawing app designed for one-hand use (<i>H5 Canvas, Bootstrap, PhoneGap</i>)	2014.7~2014.8
<ul style="list-style-type: none"> https://youtu.be/xvHE_6PBHfU Hybrid app that takes advantages of available sensors to allow the user to draw complex pictures using one hand. Provided lots of basic shapes: rectangles, ellipses, Bezier curves etc., and support redo and undo operation. 	
Cloud Class – Interactive teaching system (<i>H5 Canvas, WebSocket, Bootstrap, PHP, MySQL</i>)	2014.4~2014.6
<ul style="list-style-type: none"> https://youtu.be/j6VlaQR6ekl Online teaching system with the capability of showing slides synchronously on the teacher side and student side, and allowed students to take notes right on the slides. Real-time slides display synchronization and chatting based on WebSocket. 	

Internships

Hulu	React, Redux, React-Server	Web development: Onboarding page	2017.1~2017.5
National Instruments	C, Arduino, LabVIEW	Desktop application development	2014.8~2015.2

Publications

- X. Lan and S. Zhang, "MT-NCOR: A practical optimization method for network coded opportunistic routing in WMN," *2014 23rd International Conference on Computer Communication and Networks (ICCCN)*, Shanghai, 2014, pp. 1-8.
- X. Lan, S. Li, R. Zhang, C. Han and S. Zhang, "Analytic throughput model for TCP-NC," *2014 IEEE Wireless Communications and Networking Conference (WCNC)*, Istanbul, 2014, pp. 2659-2664.

Awards

VMware Excellence Scholarship	2016.10
Outstanding Graduate of Southeast University	2015.6
Google Excellence Scholarship	2014.8
National Scholarship	2013.12
Pacesetter to Outstanding Students of Southeast University	2012.12, 2013.12, 2014.12
President Scholarship of Southeast University (Top 1%)	2012.10

Education

Tsinghua University	Computer Science and Technology	M.S.	2015.8~present
Southeast University	Software Engineering	B.E.	2011.8~2015.6

Technical Skills

JavaScript, React, Redux, Python, H5, CSS3, MySQL, C/C++, Java, Shell Script, Nginx, iOS & Android Development, PHP

教育背景

清华大学	计算机应用技术	工学硕士	2015.8~至今
东南大学	软件工程	工学学士	2011.8~2015.6

项目经历

HashData 官网 (<i>H5, Bootstrap, Django, Ghost, Sphinx, Nginx</i>)	2016.10~2016.11
<ul style="list-style-type: none">http://www.hashdata.cn/采用响应式布局, 全面展示了 hashdata 的核心技术与产品.模块化开发以解耦; 模板继承以最小化重复代码.	
免费宽带项目 (<i>H5, Django, RESTful API, Celery, Redis</i>)	2016.8~2016.9
<ul style="list-style-type: none">http://www.mf010.com/该门户网站提供各种可编辑的促销信息和网站导航; 用户可以观看广告视频获取免费宽带时长.使用 session 技术对用户观看广告做了作弊检测使用 Celery 模块在每天结束时扣减用户免费宽带天数, 并使用 Redis 作为 message broker.	
SenseTime 官网 (<i>H5, CSS3, fullpage.js, Django, Nginx</i>)	2016.4~2016.6
<ul style="list-style-type: none">http://www.sensetime.com全屏(full screen)网站, 充分展示了 SenseTime 核心技术与成功案例.使用 JavaScript 以及 CSS3 实现了多种动画特效.使用字蛛去提取用到的字符以压缩字体文件, 减小网络延迟.	
酷画: 便于单手持握的涂鸦软件 (<i>H5 Canvas, Bootstrap, PhoneGap</i>)	2014.7~2014.8
<ul style="list-style-type: none">http://v.youku.com/v_show/id_XMTYzODEyMjk5Ng==.html混合 (hybrid) 应用, 充分利用了手机上的传感器, 方便用户单手绘制出复杂的图案.提供矩形、椭圆、贝塞尔曲线等多种基本图元, 支持撤销和重做操作.	
Cloud Class: 互动教学平台 (<i>H5 Canvas, WebSocket, Bootstrap, PHP, MySQL</i>)	2014.4~2014.6
<ul style="list-style-type: none">http://v.youku.com/v_show/id_XMTYzODEyMzcxMg==.html在线教育平台, 支持教师端和学生端课件同步播放, 并允许学生直接在课件上圈画做笔记.基于 WebSocket 的即时通讯.	

实习经历

Hulu	React, Redux, React-Server	Web 开发: Onboarding 页面	2017.1~2017.5
美国国家仪器	C, Arduino, LabVIEW	桌面软件 I/O monitor 开发	2014.8~2015.2

论文发表

- X. Lan and S. Zhang, "MT-NCOR: A practical optimization method for network coded opportunistic routing in WMN," *2014 23rd International Conference on Computer Communication and Networks (ICCCN)*, Shanghai, 2014, pp. 1-8.
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荣誉奖项

威睿奖学金	2016.10
东南大学优秀毕业生	2015.6
Google 奖学金	2014.8
国家奖学金	2013.12
三好学生标兵	2012.12, 2013.12, 2014.12
校长奖学金 (前 1%)	2012.10

专业技能

JavaScript, React, Redux, Python, H5, CSS3, MySQL, C/C++, Java, Shell Script, Nginx, iOS & Android Development, PHP