Sean Lan

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Selected Projects

Duse Eye System (*React, Redux, Highcharts, Antd, AMap, Websocket*)   2017.7~present
- Show the number of empty cars and waiting passengers in grids on AMap in real time.
- Show the trace of the driver and passenger of a certain order to determine fault when the passenger complains
- Use bar and pie charts to show the number of orders with different price rates with regard to the order type, time range and city.

Onboarding Page (*React, Redux, React-Server, Server Side Rendering, Webpack*)   2017.1~2017.3
- https://www.hulu.com/onboarding?navi=0
- Web page for new registered users to pick the tastes they like.
- Streaming Server Side Rendering With React-Server.

HashData – Official site (*H5, Bootstrap, Django, Ghost, Sphinx, Nginx*)   2016.10~2016.11
- 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 (*H5, Django, RESTful API, Celery, Redis*)   2016.8~2016.9
- 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 (*H5, CSS3, fullpage.js, Django, Nginx*)   2016.4~2016.6
- 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.

Internships

DiDi	React, Antd, Highcharts, Material UI	Data Visualization, Deploy System Development	2017.7~present
Hulu	React, Redux, React-Server	Web development	2017.1~2017.5

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

蓝翔

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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

Duse Eye 监控系统 (*React, Redux, Highcharts, Antd, AMap, Websocket*)   2017.7~至今
- 在地图上以网格的形式实时显示某片区域空跑司机以及排队等待乘客的数量.
- 在地图上展示司机和用户的轨迹以判责.
- 使用条形图和饼图展示某类品(快车/专车)在某一城市某个时段不同倍率的订单比例以及数量.

Onboarding 页面 (*React, Redux, React-Server, Server Side Rendering, Webpack*)   2017.1~2017.3
- https://www.hulu.com/onboarding?navi=0
- 让新注册的用户选择自己喜欢的节目类型
- 流式服务端渲染

HashData 官网 (*H5, Bootstrap, Django, Ghost, Sphinx, Nginx*)   2016.10~2016.11
- 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 (*H5, Django, RESTful API, Celery, Redis*)   2016.8~2016.9
- 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 (*H5, CSS3, fullpage.js, Django, Nginx*)   2016.4~2016.6
- 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.

实习经历

滴滴	React, Antd, Highcharts, Material UI	数据可视化, 部署系统研发, 派单仿真平台开发	2017.7~至今
Hulu	React, Redux, React-Server	Web 开发	2017.1~2017.5

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.
- 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.

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