



# 林家祥

NodeJS 开发工程师

- 具备较强的自学能力及抗压能力，能够从容应对不同领域的挑战
- 具备良好的代码规范及阅读能力，在工作中能保持高效协同
- 良好的英语听说读写能力，能快速浏览英语文档及书籍
- 丰富的项目经历，对项目管理、设计、前后端及运维都有一定都了解
- 积极参与开源社区贡献，时刻关注最新技术

## 工作经历



### 智区间科技 | 全栈研发工程师

2021.09 - 2022.07

- 主要负责公司主要产品 ZitBoard 的全栈研发，按时完成交付需求，为公司争取到首批客户进行跟进
- 参与团队讨论，就产品功能提出意见和建议，并参与确定技术选型
- 推动团队优化项目管理及 Git 工作流程，建立代码审查制度
- 参与奇绩创坛路演，并后续与多家投资机构洽谈



### Serverless-Devs | Contributor

2021.06 - 2021.9

该项目为开源之夏 2021 活动项目，开发过程接受阿里云导师指导并分配需求。项目过程中同社区及导师进行了充分沟通和协同，按时按质交付多项需求并上线阿里云，取得用户和导师一致好评。



### 科学家+ | 产品&后端

2019.05 - 2021.02

该项目为导师指导下的创新创业项目。作为团队骨干，规划设计并与团队成员共同开发后成功上线并在三个实验室试用。



### 东莞理工学院学生会

2017.10 - 2019.06

- 负责管理学生会内部事务、财务并处理各类申请，累计超过10000人次
- 2019级迎新活动负责人之一，统筹分配2000多名工作人员和多方资源
- 临时接管学生中心一年，建立健全学生中心管理体系，累计支持举办活动人次超过20000人次
- 结合实际需要及个人所学，独立开发「莞工校会小莞家」微信小程序，为 1000+ 师生提供服务

## 项目经历

### Zitboard | 2021.09 - 2022.07

项目描述：为细分行业用户带来一站式的图像 AI 数据处理，训练和生产部署体验。工作内容及成果：

- 对整体业务流程进行梳理，根据公司业务需要，重构登陆业务，避免后期重大隐患
- 使用 Cypress 搭建自动化端到端测试框架，对基本的业务流程完成 80% 覆盖，提升开发和测试效率
- 基于 Next-i18next 实现前端页面国际化，基于适配器的设计模式对后端返回的信息进行国际化
- 基于 Kubernetes 实现 Lambda 功能，为用户提供 Serverless 运行环境服务

## 基本信息

广州 | 深圳

25岁 | 一年经验 | 随时到岗

东莞理工学院 | 软件工程 | 本科

## 联系方式

✉ [jasonlamv-t@hotmail.com](mailto:jasonlamv-t@hotmail.com)

☎ +86-13717357911

🐱 <https://github.com/JasonLamv-t>

🌐 <https://jasonlam.cc>

## 技术能力

NodeJS TypeScript/JavaScript React  
Docker Python PostgreSQL  
Serverless Kubernetes CV/DL/AI

## 获奖&认证

杨振宁奖学金  
广东省优秀学生干部  
蓝桥杯算法省赛三等奖  
单项奖学金  
腾讯云 CloudLite 认证  
阿里云 DevOps 助理工程师认证

## 语言能力

英语 · 基础/CET-4  
粤语 · 基础  
潮语 · 母语

## 项目经历 (续)

### React-Annotate | 2021.12 – 2022.07

Python NodeJS OpenCV React

项目描述：依照函数式范式开发的基于 FabricJS 的开源 React 标注组件，可对图像进行标注并导出标注数据。工作内容及成果：

- 将原有代码进行抽离独立，并进行重构
- 实现对 Segmentation 及 Object 等进行标注，包括点、折线、多边形等标注方式
- 借助 OpenCV.js 实现对目标的标注辅助
- 定义自有 Zita 标注格式，并实现与 Pascal-VOC、MS-COCO、及 YOLO 等常用格式的互相转换
- 项目开源地址：<https://github.com/ZitySpace/react-annotate>

### Serverless-Devs | 2021.06 – 2021.09

Python NodeJS TypeScript

项目描述：Serverless Devs 是一个开源开放的 Serverless 开发者平台，致力于为开发者提供强大的工具链体系。通过该平台，开发者不仅可以一键体验多云 Serverless 产品，极速部署 Serverless 项目，还可以在 Serverless 应用全生命周期进行项目的管理。

工作内容及成果：

- 探索基于 Serverless Devs 的前端 CI/CD 方案，并发布官网作为参考
- 独立开发基于 Serverless Devs 的 PDF 转图片开箱即用应用
- 参与开发端云联调组件：实现支持本地挂载 NAS；支持 OSS 触发器；支持自定义域名；支持按 s.yaml 配置对本地 CA 资源进行限制等需求，并对用户反馈的问题进行修复
- 开发并发布 FC-Common 组件：将社区核心组件多个重复方法进行抽取，实现跨组件复用
- 对社区文档及翻译进行了更新和优化

### Keyanplus | 2019.05 – 2021.02

Docker Python NodeJS Express MongoDB

项目描述：Keyanplus 是针对实验室领域用户的专业 SaaS，力求提供仪器购买、预约，项目与经费管理等多钟功能并为用户带来良好体验。工作内容及成果：

- 通过与实验室科研与管理人员充分交流，独立规划并设计产品，并绘制 UI/UX
- 负责体技术架构设计和技术选型并招募开发成员
- 实现了人员管理、仪器药品管理及预约管理等功能，并接入微信公众号实现签到打卡和消息推送等功能
- 通过 Shell 脚本及 Docker 等实现项目 CI/CD

## 开源项目或贡献

### MDN Web Docs | <https://github.com/mdn/translated-content>

对 MDN 文档进行翻译

### MPCB | <https://github.com/moreant/mpcb>

使用网页就可以轻松备份魅族云相册的图片。

### Tailwind-Next-Blog | <https://github.com/JasonLamv-t/tailwind-next-blog>

一个基于 TailwindCSS 和 NextJS 的开源博客框架，支持 MDX 和包括 GFM 在内的多种 Markdown 格式拓展，内置了 SEO/RSS 优化，支持移动端和夜间主题以及基于 Algolia 的搜索功能等。

### Rehype-Code-Title | <https://github.com/JasonLamv-t/rehype-code-title>

Rehype 插件——在 pre 元素中插入含有代码块标题的 div 元素。

### Remark-Toc-Extract | <https://github.com/JasonLamv-t/remark-toc-extract>

Remark 插件——基于 h 标签生成目录并使用回调进行输出。

### HaC-Mini | <https://github.com/osy/HaC-Mini>

Intel NUC Hades Canyon Hackintosh support



# 林家祥 / Jason Lam

NodeJS Development Engineer

- Has a strong ability to self-learn and handle pressure, and can confidently tackle challenges in different fields.
- Good flavor of coding and reading abilities, and can maintain efficient cooperation in work.
- Rich project experience and have a certain understanding of project management, design, front-end and back-end development, as well as operations and maintenance.
- Actively participate in open-source communities and keep up with the latest technologies.

## Work Experience



**ZitySpace | Full Stack R&D Engineer**  
2021.09 – 2022.07

- Mainly responsible for the full-stack R&D of the company's main product ZitBoard, completing the delivery requirements on time, and winning the first batch of customers for the company and follow up
- Participate in team discussions, put forward opinions and suggestions on product functions, and participate in determining technology selection
- Promote the team to optimize project management and Git workflow, and establish a code review system
- Participate in the road show of Miracleplus Innovation Forum, and follow up with a number of investment institutions to negotiate



**Student Union of Dongguan University of Technology**  
2017.10 – 2019.06

- Responsible for managing the internal affairs and finances of the Student Union and handling various applications, with a total of more than 10,000 person-times
- One of the person in charge of the 2019 grade orientation activities, coordinating and allocating more than 2,000 staff members and various resources
- Temporarily took over the student center for one year, established and improved the management system of the student center, and supported more than 20,000 people in activities
- Combined with actual needs and personal learning, independently developed the mini-program "Xiaoguanjia" to provide services for 1000+ teachers and students

## Project Experience

**Zitboard | 2021.09 – 2022.07**

Project description: Bring one-stop image AI data processing, training and production deployment experience to users in subdivided industries. Work content and achievements:

- Sort out the overall business process, and restructure the login function according to the company's business needs to avoid major hidden dangers in the later stage
- Use Cypress to build an automated end-to-end testing framework, complete 80% coverage of basic processes, and improve development and testing efficiency

## Profile

Guangzhou | Shenzhen

25 years old | 1 year of experience

Dongguan University of Technology

Bachelor of Software Engineering

## Contact

[jasonlamv-t@hotmail.com](mailto:jasonlamv-t@hotmail.com)

+86-13717357911

<https://github.com/JasonLamv-t>

<https://jasonlam.cc>

## Skills

NodeJS
TypeScript/JavaScript
React
  
Docker
Python
PostgreSQL
  
Serverless
Kubernetes
CV/DL/AI

## Awards & Certifications

Yang Zhenning Scholarship

Outstanding Student Cadres of

Guangdong Province

The third prize of the Lanqiao Cup

Algorithm Provincial Competition

Individual scholarships

Tencent Cloud CloudLite Certification

Alibaba Cloud DevOps Assistant

Engineer Certification

## Language

English · Basic/CET-4

Cantonese · Basic

Teochew dialect · Native

Python
NodeJS
Kubernetes
React
  
PostgreSQL
Cypress
Celery
RabbitMQ

## Project Experience (continued)

- Realize the internationalization of the front-end page based on Next-i18next, and internationalize the information returned by the back-end based on the adapter design pattern
- Implement the Lambda function based on Kubernetes to provide users with Serverless operating environment services

### React-Annotate | 2021.12 – 2022.07

Python NodeJS OpenCV React

Project description: An open source React annotation component based on FabricJS developed in accordance with the functional paradigm, which can annotate images dataset and export annotation data. Work content and achievements:

- Extract the original code independently and refactor it
- Realize the labeling of Segmentation and Object, including point, polyline, polygon and other labeling types
- Using OpenCV.js to achieve labeling assistance for targets
- Define our own Zita annotation format, and realize mutual conversion with commonly used formats such as Pascal-VOC, MS-COCO, and YOLO
- Project open source at: <https://github.com/ZitySpace/react-annotate>

### Serverless-Devs | 2021.06 – 2021.09

Python NodeJS TypeScript

Project description: Serverless Devs is an open source and open serverless developer platform, dedicated to providing developers with a powerful tool chain system. Through this platform, developers can not only experience multi-cloud serverless products with one click, quickly deploy serverless projects, but also manage projects in the whole life cycle of serverless applications. Work content and achievements:

- Explore the front-end CI/CD scheme based on Serverless Devs and publish at the official website for reference.
- Independent development of PDF to image out-of-the-box application based on Serverless Devs
- Participate in the development of cloud coordination components: support for local mounting NAS; support OSS triggers; support custom domain names; support the restriction of local CA resources according to s.yaml configuration, and fix the problem of user feedback.
- Develop and release FC-Common components: extract multiple duplicate methods of community core components to achieve cross-component reuse
- Updated and optimized community documents and translations

### Keyanplus | 2019.05 – 2021.02

Docker Python NodeJS Express MongoDB

Project description: Keyanplus is a professional SaaS for users in the laboratory field, and strives to provide multiple functions such as instrument purchase, appointment, project and fund management, and bring a good experience to users. Work content and achievements:

- Through full communication with laboratory scientific research and management personnel, independently plan and design products, and draw UI/UX
- Responsible for architecture design and technology selection and recruit development members
- Realized functions such as personnel management, equipment and drug management, and appointment management, and connected to the WeChat public account to realize functions such as sign-in and punch-in and message push.
- Realize project CI/CD through Shell script and Docker, etc.

## Open Source Projects or Contribution

### MDN Web Docs | <https://github.com/mdn/translated-content>

Chinese localization of the MDN Web Docs.

### MPCB | <https://github.com/moreant/mpcb>

Easily back up the pictures in Meizu cloud album by using the webpage.

### Tailwind-Next-Blog | <https://github.com/JasonLamv-t/tailwind-next-blog>

An open source blogging framework based on TailwindCSS and NextJS, supports MDX and multiple Markdown format extensions including GFM, built-in SEO/RSS optimization, supports mobile and night themes, and Algolia-based search functions, etc.

### HaC-Mini | <https://github.com/osy/HaC-Mini>

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