

李博群

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🔧 专业技能

编程语言：

- **Kotlin** (精通, 有多个商业化项目)
- **Java** (精通, 有多个商业化项目, 曾用于投影寻踪模型的仿真)
- **Python** (一般, 硕士毕业论文中用于数据爬虫和比较算法)
- **Delphi** (一般, 本科毕业设计使用, 有商业化项目)
- **C、C#** (一般, 有商业化项目)
- **MATLAB** (一般, 曾用于均衡模型求解与绘图)

英语能力：

- 口语：可在工作 / 日常中熟练使用
- 邮件：无障碍沟通
- CET4 分数：495
- 英孚英语等级：Level.16 精通级

🏢 工作经历

清研集团 清研智库 (全球管理与战略咨询百强企业 No.36 ; 中国 Top3)

2020.09 - 至今

高级技术经理 科技事业部 研发一部

天津

调研工厂移动端研发, 团队日常管理。

苏宁易购集团总部 (世界 500 强企业)

2017.03 - 2019.12

Android 技术经理 集团研发总部 零售云研发中心 Android 开发部

南京

负责苏宁易购零售云系列软件、苏宁小店系列软件的开发。框架搭建、代码优化、组件抽取。

负责部门内应届硕士生带教工作。

日本太比雅株式会社 太比雅集团 中国区总部 (新三板上市企业)

2015.06 - 2017.03

java 程序员、项目经理 技术部

北京

负责水利信息化配套软件研发和项目管理。

🎓 教育经历

华北理工大学

计算机技术 硕士 非全日制* 信息工程学院

2016.04 - 2019.02

电子信息工程 本科 全日制 信息工程学院

2011.08 - 2015.06

📄 论文 / 专利

(发明专利) 权限异常检测方法、装置、计算机设备和存储介质. 第一发明人. 专利号: CN202010017976.

(论文 硕士) 李博群. 基于用户隐私保护视角的Android软件检测方法研究[D].华北理工大学,2019.

(论文 科技) 李博群,焦嫚.基于花朵授粉算法优化的投影寻踪聚类方法[J].渤海大学学报(自然科学版),2018,39(03):281-288.

(论文) 李博群,贾政权,刘利平.基于模糊时间序列的空气质量指数预测[J].华北理工大学学报(自然科学版),2018,40(03):78-86.

* 通过全国 GCT 硕士学位研究生入学资格考试入学, 在职单证硕士, 仅有学位证

项目经历

海淀城市环境建设管理检查考评系统

2022.01 - 至今

Android 客户端开发

北京

系统主要支撑全海淀区环境检查工作，由环卫中心上报问题，街镇、区委办局、作业单位整改问题，通过平台实现环境问题的发现、派发、整改、复核、结案全流程闭环

主要开发语言：Kotlin、Java；项目类型：面向政府；项目日活用户：2000+（同类型系统一般日活不足100）

个人职责：

全部 Android 移动端功能研发，主要包含案件上报、语音人脸识别签到、地图模式、轨迹监督等功能。

调研工厂

2020.09 - 至今

高级技术经理

天津

<https://survey.work/>

「调研工厂」是一个「专业、免费的明察暗访与问卷调查平台」，孵化自清研智库。免费开放给专业机构和个人使用

主要开发语言：Java、Kotlin、React；项目类型：面向政府、面向用户

Android 端功能研发。试验性的使用 React Native 编写跨平台 APP。

苏宁易购零售云系列软件

2017.03 - 2019.12

技术经理

南京

<http://www.suninglsy.com/>

零售云是苏宁集团推出的核心聚焦商品链、物流售后、IT零售系统、金融服务、零售管理等模块的产品

主要开发语言：Java；项目类型：面向企业；项目日活用户：20000+

开发和维护商品四级页（详情页），每月版本功能迭代，线上性能监控。对 APP 进行性能优化，包括内存优化、启动优化、包体积优化、稳定性优化等，使 APP 内存占用降低了 25%，OOM 发生率降低到万分之一，启动速度提高了 35%，包体积降低了 20M，整体崩溃率稳定在万分之五以下，ANR 发生率稳定在万分之一以下。

苏宁小店系列软件 苏宁零售学院

2019.02 - 2019.12

<http://snxd.suning.com>

苏宁小店将供应链、经营、科技创新等能力赋予小商店，实现商店在类别、形象和管理能力上的提升

零售学院依托于零售云平台和苏宁大学，为加盟店提供营销课程，营业员培训和资格认证等服务

主要开发语言：Java；项目类型：面向企业；项目日活用户：20000+

项目涉及：

插件化开发，零售学院业务模块以插件形式嵌入到零售云店员 APP 中，按需加载不同的模块，实现灵活的功能配置，减少服务器对旧版本接口兼容压力。

贵州黔东南州水利云

2016.02 - 2017.03

依托省政府“云上贵州”环境、水利骨干网和“互联网+”技术搭建“贵州水利云”服务平台

主要开发语言：Java、C#；项目类型：面向政府

项目涉及：

移动端：SQLite 数据库技术实现对数据的缓存，Glide 实现对图片的加载和缓存，百度地图，海康威视视频监控，混合式开发，原生和 H5 之间数据交互。此项目移动端由我独立开发，负责全部技术选型，上游供应商挑选等。

桌面端：主要由 C# 开发，使用改进的新安江模型进行水雨情分析。

🚩 创业及社群服务

(社区服务) Google #IamRemarkable 国际组织

2022.07 - 至今

官方认证导师

<https://iamremarkable.withgoogle.com/>

组织 Google #IamRemarkable 线上或线下活动，在活动中担任引导师

(志愿服务) Google GDG 开发者社区

2019.03 - 至今

志愿者 GDG上海 & GDG天津

上海 & 天津

<https://developers.google.com/community/gdg>

- Google 官方视频汉化字幕组成员，负责将 Google 官方视频添加汉化字幕后上传 B 站等国内平台
- DevFest 会务组成员，负责筹备组织 DevFest 大型开发者节活动
- 外籍嘉宾联络员，负责联系外国嘉宾参会，跟进与审核演讲稿件内容

2020 年曾获《GDG 优秀志愿者》证书

(创业经历) 唐山飞博科技有限公司

2013.07 - 2016.07

创始人 / 总经理 / 法人

唐山

主要产品：

- 智能图书馆座位管理系统（已被华北理工大学图书馆采用），包含学生 APP 端用于预约，管理员 PAD 端用于查看与管理，POS 机端用于学生签到和签退
- 飞博智能飞鼠，集成语音、动作、按压、激光等传感器，把麦克风和空中移动鼠标创新性的结合，便于教师授课
- 飞博救火机器人，对消防人员使用动捕手套捕获动作信号，由机器人实际操作。结合 VR 眼镜实现视觉反馈。

(实验室) 华北理工大学物联网实验室

2012.09 - 2015.06

创始人 / 首届实验室负责人

唐山

期间，实验室获得主要奖项：

2014 年挑战杯河北省特等奖一项、2015 年国际大学生 iCAN 创新创业大赛一等奖

🌟 证书 / 资质

(证书) 人社部、工信部 系统集成项目管理工程师 (中级职称)

(证书) 工信部 高级软件工程师

(证书) 工信部 高级开发工程师

(证书) 国际劳工组织 SYB 合格证书

(证书) 全国计算机等级三级 - 网络技术



🔧 SKILLS LIST

Programming Language

- **Kotlin** (proficient, multiple commercial projects)
- **Java** (proficient, multiple commercial projects, used for projection pursuit model simulation)
- **Python** (general, used for data crawlers and comparison algorithms)
- **Delphi** (general, used in undergraduate graduation project, commercial project)
- **C, C#** (general, commercial project)
- **MATLAB** (general, used for equilibrium model solving and plotting)

English

- **Spoken English**: Proficient in work/daily use
- **Email**: Accessible communication
- **CET4** Score: 495
- **EF English** Level: Level.16 Advanced

🏢 PROFESSIONAL EXPERIENCE

Qingyan Group / Qingyan Think Tank (Top 100 Global Management and Strategic Consulting No.36) 2020.09 - Present

Senior Technical Manager

Tianjin

Research factory mobile APP development and day-to-day team management.

Suning Group Headquarters (The world's top 500 companies) 2017.03 - 2019.12

Android Technical Manager

Nanjing

Responsible for developing Suning Retail Cloud and Suning Xiaodian software. Framework building, code optimization, component extraction.

Responsible for the teaching work of the new master students in the department.

Japan Tepia Corporation, Tepia Group, China headquarters (NEEQ listed company) 2015.06 - 2017.03

Java programmer, project manager

Beijing

Responsible for water conservancy information supporting software research and development and project management.

🎓 EDUCATION

North China University of Science and Technology 2016.04 - 2019.02

Computer technology / Master / School of Information Engineering

Electronic Information Engineering / Bachelor / School of Information Engineering 2011.08 - 2015.06

⚙️ Papers / Patents

(invention patent) Permission exception detection method and device, computer equipment, and storage medium. First inventor. Patent number: CN202010017976.

(dissertation) LI Boqun. Research on Android Software Detection Method Based on User Privacy Protection Perspective[D]. North China University of Science and Technology, 2019.

(paper) LI Boqun, JIAO Man. Optimal projection pursuit clustering method based on flower pollination algorithm[J]. Journal of Bohai University (Natural Science Edition), 2018, 39(03): 281-288.

(paper) LI Boqun, JIA Zhengquan, LIU Liping. Air Quality Index Forecast Based on Fuzzy Time Series Models[J]. Journal of North China University of Science and Technology (Natural Science Edition), 2018, 40(03): 78-86.

Inspection and evaluation system for Haidian urban environmental construction management

2022.01 - Present

Android Developer

Beijing

The system mainly supports environmental inspection work in the Haidian district. The ecological sanitation center reports the problems, and the streets, towns, district committee offices, and operation units solve the issues. The platform detects, distributes, rectifies, checks, and closes environmental matters.

Main development languages: Kotlin, Java; Project type: ToG; Daily Active User: 2000+ (generally 100- in the same kind of system)

All Android APP development includes case reporting, voice face recognition sign-in, map mode, track supervision, and other functions.

Research the factory

2020.09 - Present

Senior Technical Manager

Tianjin

<https://survey.work/>

"Research Factory" is a professional and unannounced visit and questionnaire survey platform, hatching a self-study think tank.

Main development languages: Java, Kotlin, React; project type: ToB, ToC

Android APP development. Experimental use of React Native to write cross-platform APP.

Suning Retail Cloud Series Software

2017.03 - 2019.12

Technical Manager

Nanjing

<http://www.suningsy.com/>

Retail Cloud is the core product launched by Suning Group, focusing on commodity chain, logistics after-sales, IT retail system, financial services, retail management, and other modules.

Main development language: Java; Project type: ToB; Daily Active User: 20000 +

Development and maintenance of the Level 4 page (details page), monthly release feature iteration, and online performance monitoring. Reduced APP memory usage by 25%, OOM incidence rate to 1/10000, startup speed by 35%, package volume by 20M, overall collapse rate to less than 5/10000, and ANR incidence rate to less than 1/10000 by performance optimization of APP, including memory optimization, startup optimization, package volume optimization, stability optimization, etc.

Suning Small Store Series Software / Suning Retail College

2019.02 - 2019.12

<http://snxd.suning.com>

Suning Store equips the small store with the ability of supply chain, operation, and scientific and technological innovation to improve the store's category, image, and management ability.

Relying on the retail cloud platform and Suning University, the Retail College provides marketing courses, salesperson training, and qualification certification services for franchisees.

Main development language: Java; Project type: ToB; Daily Active User: 20000+

Plug-in development, the Retail College business module is embedded into the Retail Cloud APP as a plug-in, loading different modules on demand, realizing flexible function configuration, and reducing the pressure on the server to be compatible with the old version interface.

Guizhou qiandongnan prefecture water conservancy cloud

2016.02 - 2017.03

Build the "Guizhou Water Conservancy Cloud" service platform based on the provincial government's "Cloud on Guizhou" environment, water conservancy backbone network, and Internet technology.

Main development language: Java, C#; project type: ToG

Mobile APP: SQLite database technology caching, Glide image loading and caching, Baidu map, Hikvision video surveillance, hybrid development, and data interaction between native and H5. I

Desktop APP: developed in C#, using the improved Xin'anjiang model for analyzing water and rain.

Entrepreneurship and Community Service

(Community Service) Google #IamRemarkable Group

2022.07 - Present

Official Certified Facilitator

<https://iamremarkable.withgoogle.com/>

organize Google #IamRemarkable online or offline events and act as a facilitator in the event

(Volunteer Service) Google GDG Developer Community

2019.03 - Present

The volunteers GDG Shanghai & GDG Tianjin

Shanghai & Tianjin

<https://developers.google.com/community/gdg>

- Member of the Chinese subtitles group for Google's official videos, translating Google's official videos into Chinese and uploading subtitles to Bilibili and other Chinese platforms.
- Member of the DevFest conference team, responsible for the preparation and organization of large-scale DevFest activities
- Liaison officer for foreign guests, responsible for liaising with foreign guests, following up with them and checking the content of their speeches.

2020 GDG Outstanding Volunteer Certificate

(entrepreneurial experience) Tangshan Feibo Technology Co., Ltd

2013.07 - 2016.07

Founder / General Manager /Legal Person

Tangshan

Main products:

- **Intelligent library seat management system** (has been adopted by North China University of Science and Technology), including a student APP for booking, an administrator PAD page for viewing and managing, and a POS terminal for student check-in and check-out.
- **Feibo Intelligent Flying Mouse**, integrates voice, action, push, laser, and other sensors to combine a microphone and an air-moving mouse innovatively. It is convenient for teachers.
- **Feibo firefighting robot**, which uses moving gloves to capture action signals for firefighters. VR goggles provide visual feedback.

(Laboratory) North China University of Technology Internet of Things Laboratory

2012.09 - 2015.06

Founder/First Lab Leader

Tangshan

The laboratory received major awards during this period:

The 2014 Challenge Cup Hebei Province Special Prize,

The 2015 International College Student iCAN Innovation and Entrepreneurship Competition First Prize

Certificates/Qualifications

(Certificate) System Integration Project Management Engineer, MIIT & MOHRSS (intermediate title)

(Certificate) Senior Software Engineer, MIIT

(Certificate) Senior Development Engineer, MIIT

(Certificate) SYB Certificate, International Labor Organization

(Certificate) National Computer Level 3 - Network Technology