

Portfolio

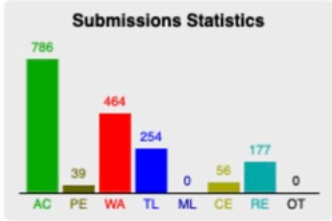
Home

Uva & Codeforces, Java & C++, 2008-2013 & 2021

Solved around 1000 algorithm problems on the online judge.

Uva Online Judge record is [here](#).

javalzw (lzwjava) statistics



Last Submissions				Show : 5 10 50 100 500 ALL				
Problem		Verdict	Lang	Time	Best	Rank	Submit Time	
11491 - Erasing and Winning	discuss	Wrong answer	Java	-	0.000	-	2022-06-13 16:11	
12545 - Bits Equalizer	discuss	Accepted	Java	0.130	0.000	1325	2022-06-13 15:28	
12545 - Bits Equalizer	discuss	Runtime error	Java	-	0.000	-	2022-06-13 15:23	
12545 - Bits Equalizer	discuss	Wrong answer	Java	-	0.000	-	2022-02-16 22:26	
1610 - Party Games	discuss	Wrong answer	Java	-	0.000	-	2022-01-27 01:23	

Solved : 568, Submissions : 1776

100 101 102 **103** 104 105 106 107 108 **110** 111 112 113 116 118 119 **120** 122 123 124 127 128 129 131 133 **136** 138 140 146 147 151 152
156 160 167 185 190 193 195 196 197 200 201 202 208 210 **211** 213 216 221 225 227 230 231 247 253 256 260 264 **272** 278 280 291 294
297 299 301 305 307 315 317 324 327 331 336 340 343 344 **348** 350 352 353 357 369 371 374 375 378 382 386 387 389 392 **400** 401 406
408 409 412 414 417 424 429 437 438 439 440 441 442 443 444 445 446 455 457 458 459 **465** 469 476 477 478 481 482 483 484 488 489
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575 576 579 583 591 594 612 621 623 624 637 639 640 644 657 661 673 674 679 686 694 696 699 705 706 712 713 714 725 727 729 748
750 755 784 793 796 815 818 820 821 834 836 839 846 847 900 913 924 929 948 993 1124 1149 1152 1203 1225 1230 1237 1260 1339
1368 1374 1451 1471 1583 1584 1585 1586 1587 1588 1589 1590 1592 1593 1594 1595 1604 1605 1606 1607 1608 1609 10000 10003
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11340 11349 11362 11364 11369 11388 11389 11417 11428 11450 11455 11461 11462 11479 11494 11498 11503 11504 11530 11541 11547 11559 11565 11572 11577 11586 11608
11614 11624 11631 11636 11650 11661 ...[more](#)

The range of algorithm problems I've solved encompasses various areas, including data structures, graph, mathematics, string processing, geometry and several other advanced or specialized topics.

Flower Recognition, Android, 2014.4 - 2014.8

The user can take pictures of flowers, and draw certain circles to help recognize them better.

Responsible for Android development.

Open sourced at [GitHub](#), 33 commits.

iword, Android, 2014.3

An Android application to help you learn English by watching movie clips.

Responsible for Android development.

2014 AVOS Cloud Hackaton Third Prize.

[SegmentFault: Review of the 2014 AVOS Cloud Hackathon Achievements](#)

Bjfu Assistant, Android, 2014.1 - 2014.6

A campus assistant Android application “Bjfu Assistant” that integrates the functions of checking grades, and alumni forums.

Responsible for Android development.

Gained around 3500 Users in Beijing Forestry University.

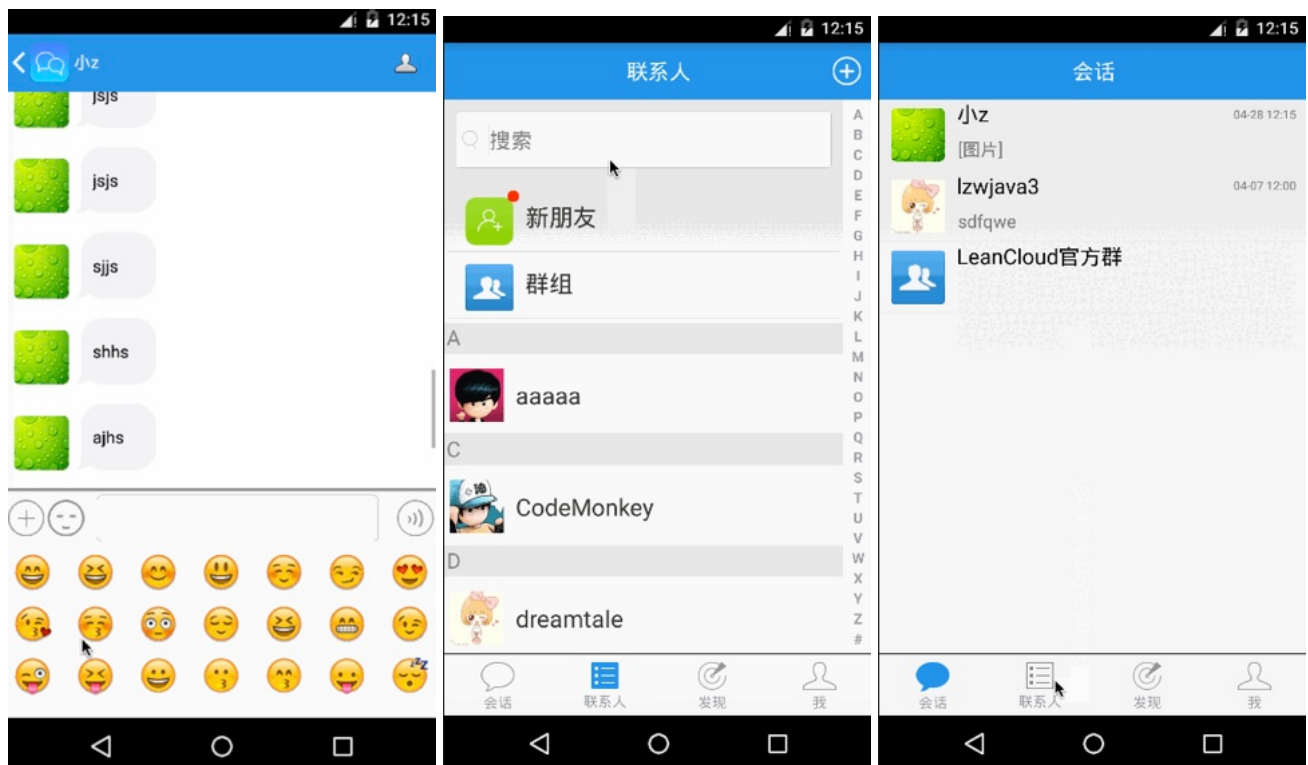


LeanChat, Android, 2014.7 - 2014.12

“Leanchat” includes features such as friend management, group management, location-based messaging, nearby people, personal profiles, and login/register functions, all fully utilizing LeanCloud’s storage and communication capabilities.

Responsible for Android development.

[Open sourced at GitHub](#), 412 commits.



LeanChat, iOS, 2015.1 - 2015.10

The iOS application of LeanChat.

Responsible for iOS development.

[Open sourced at GitHub](#), 446 commits.



LeanCloud Java SDK & Objective-C SDK, 2015.4 - 2015.10

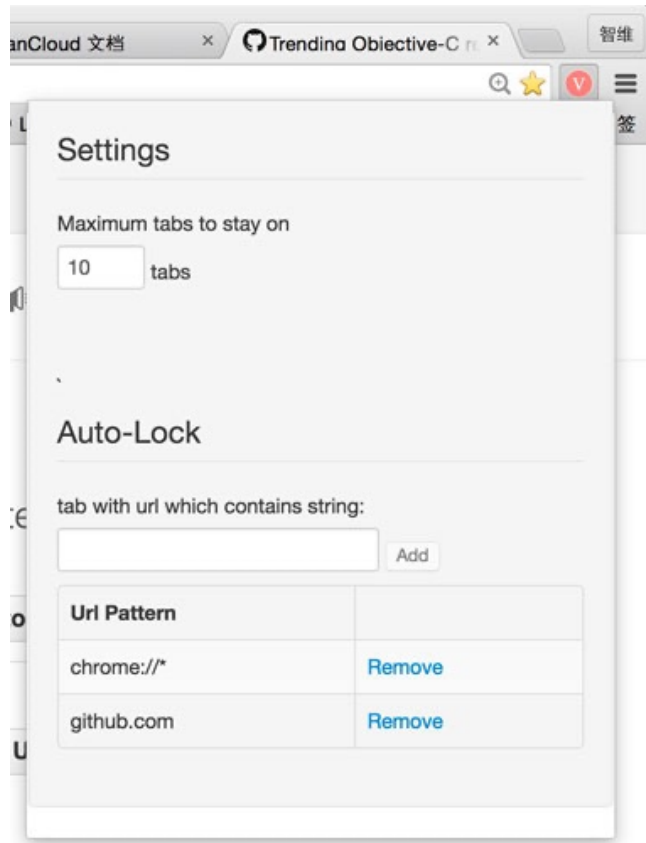
LeanCloud is the leading backend-as-a-service provider that offers a complete set of cloud services including object storage, file storage, web hosting, container, instant messaging, push notification, SMS, and game backend.

Participated some development for the Objective-C SDK and Java SDK.

[Objective-C SDK documentaion](#) and [Java SDK documentation](#).

TabsKiller, Frontend, 2015.7

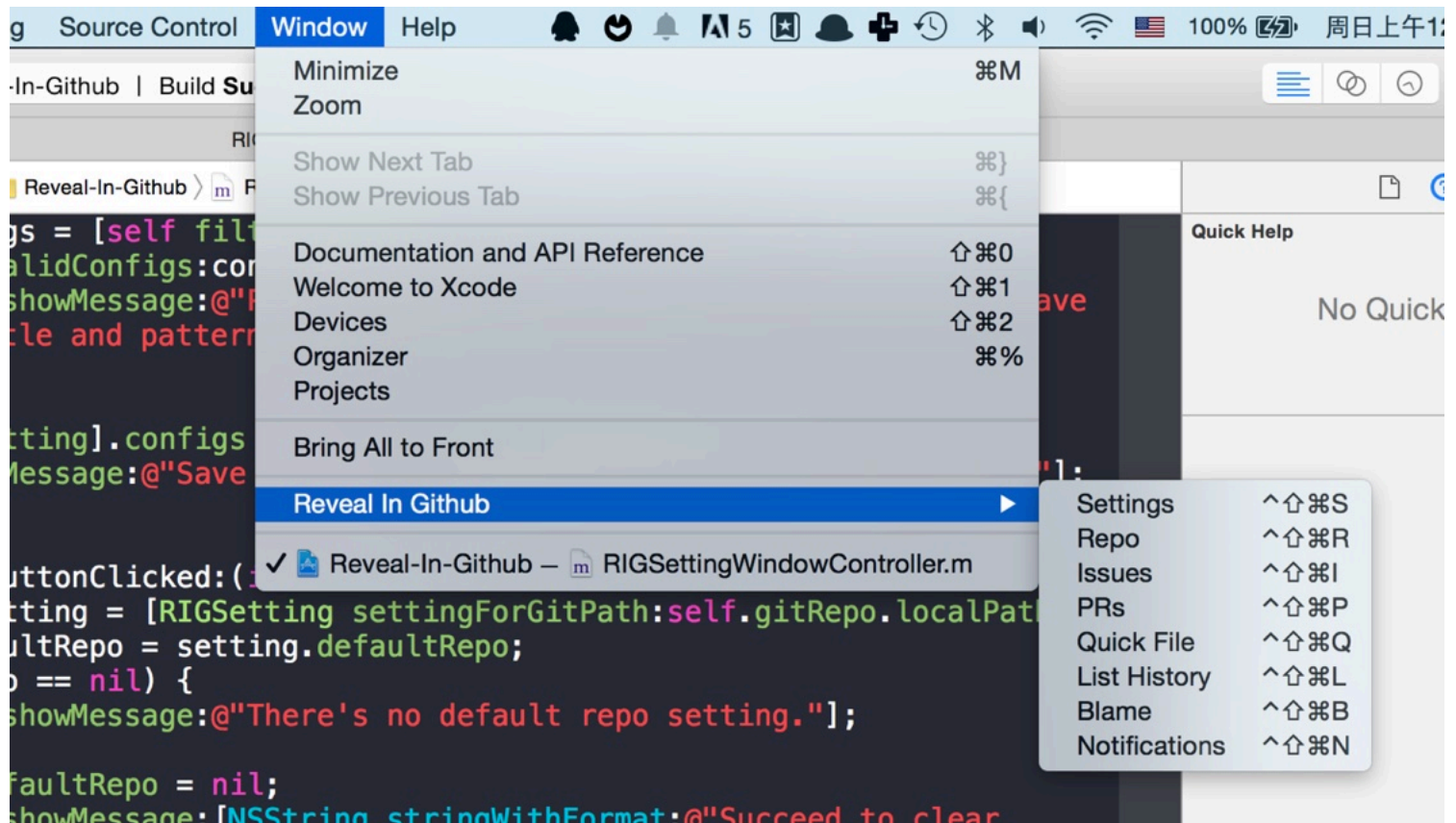
A Chrome plugin that automatically closes the oldest tabs when your browser gets cluttered with too many tabs. Say goodbye to a messy browser experience forever!



Reveal-In-GitHub, MacOS, 2015.10

An Xcode plugin designed for seamless navigation to key GitHub functionalities within your current repository. With just a click, effortlessly access GitHub History, Blame, Pull Requests, Issues, and Notifications, all in a matter of seconds.

Open Sourced at [GitHub](https://github.com/lzwjava/Reveal-In-GitHub).



CodeReview, Full Stack, 2015.11 - 2016.7

CodeReview is a professional platform for code review, communication, and sharing. Engineers can submit their code for expert review to improve the quality of their code. It was founded by 6 Internet lovers, including me.

Responsible for the code development of the backend and half of the frontend.

We leveraged cloud technologies and modern frameworks with tools such as PHP, Vue, Code Igniter, Alibaba Cloud and Ping++.

Open Sourced at GitHub.

- [code-review-server](#), 275 commits
- [code-review-web](#), 488 commits(302 commits by me)



Fun Live, Full Stack, 2016.6 - 2017.12

Fun Live, a knowledge live broadcast platform. With Fun Live, users can participate in various knowledge lectures such as programming or design here. Users can pay some fees to attend the live or reward the lecturer. The lecturer uses the OBS tool to push live stream to the server. Users can participate the lecture in real time or see the playback later. It integrates seamlessly with the WeChat platform like the notifications functionality. By hosting around 80 lectures, it gained around 30000 users and millions of page views.

My Startup Project. Responsible for most code developement of the backend and frontend.

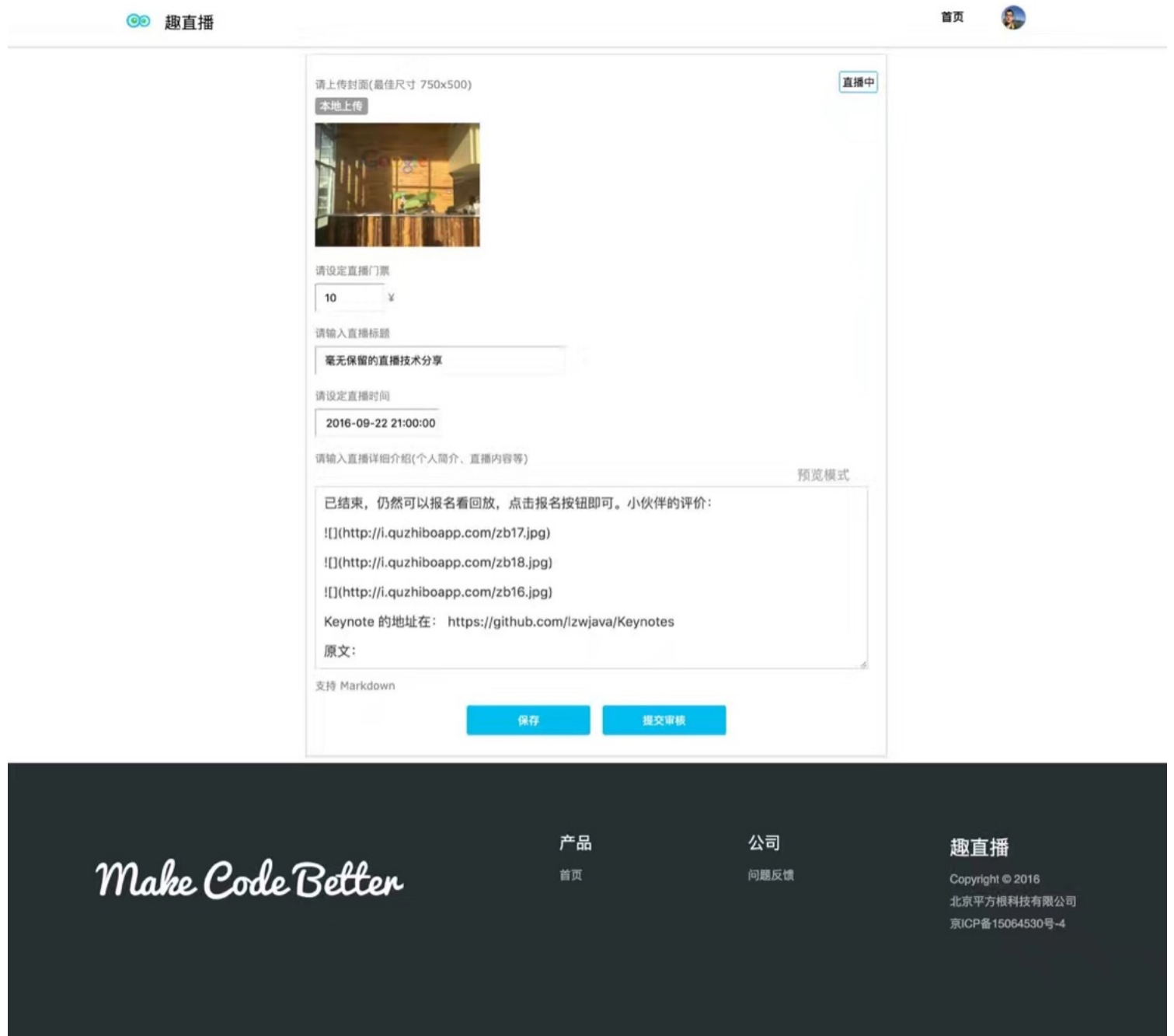
We leveraged cloud technologies and modern frameworks with tools such as PHP, MySQL, Vue, Code Igniter, Alibaba Cloud, SRS streaming and WeChat SDK.

Open Sourced at GitHub.

- [live-server](#), 661 commits(555 commits by me)
- [live-mobile-web](#), 528 commits(426 commits by me)
- [live-web](#), 140 commits



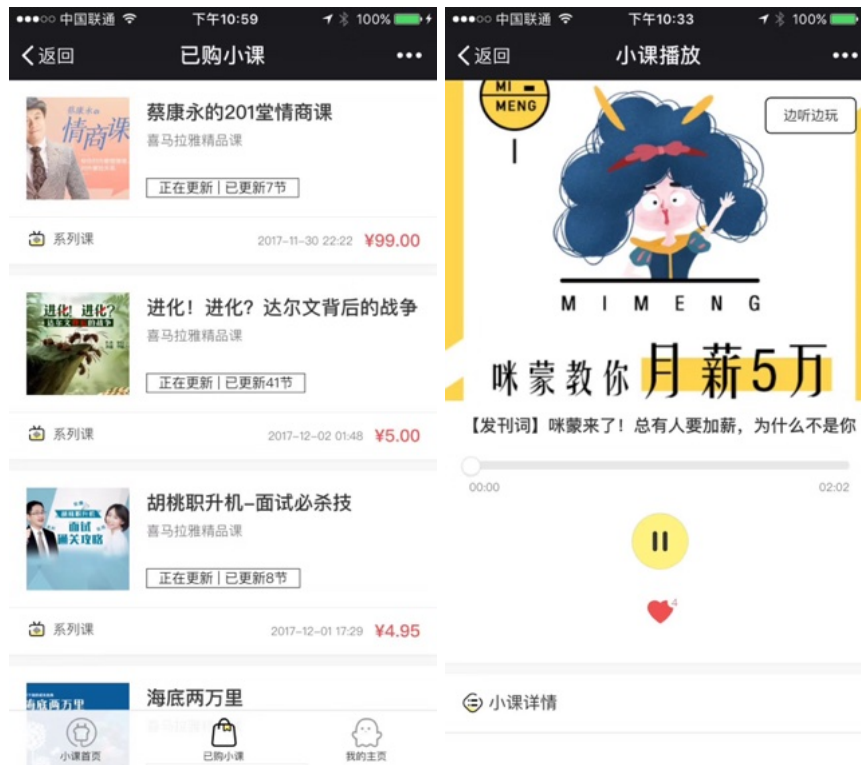




Mianbao Live, Backend, 2017.10 - 2017.12

The Mianbao Live is a one-stop content monetization and social economy solution provider. I worked for my investor's company for several months during my startup-transforming business period.

Responsible for refactoring the backend by moving most logic from several programming languages to one programming language. Worked with PHP, Laravel, TypeScript and Go.



The WeChat Miniprogram for Super Brain program, Full Stack, 2018.3 - 2018.4

The WeChat Miniprogram for Super Brain program in Jiangsu TV has puzzles for users to play. In the program group, the host guides users through oral broadcasting, which poses certain technical challenges.

Responsible for backend and some frontend development.

We leveraged cloud technologies and modern frameworks with tools such as Java, Spring, Redis, Alibaba Cloud and WeChat DevTools.

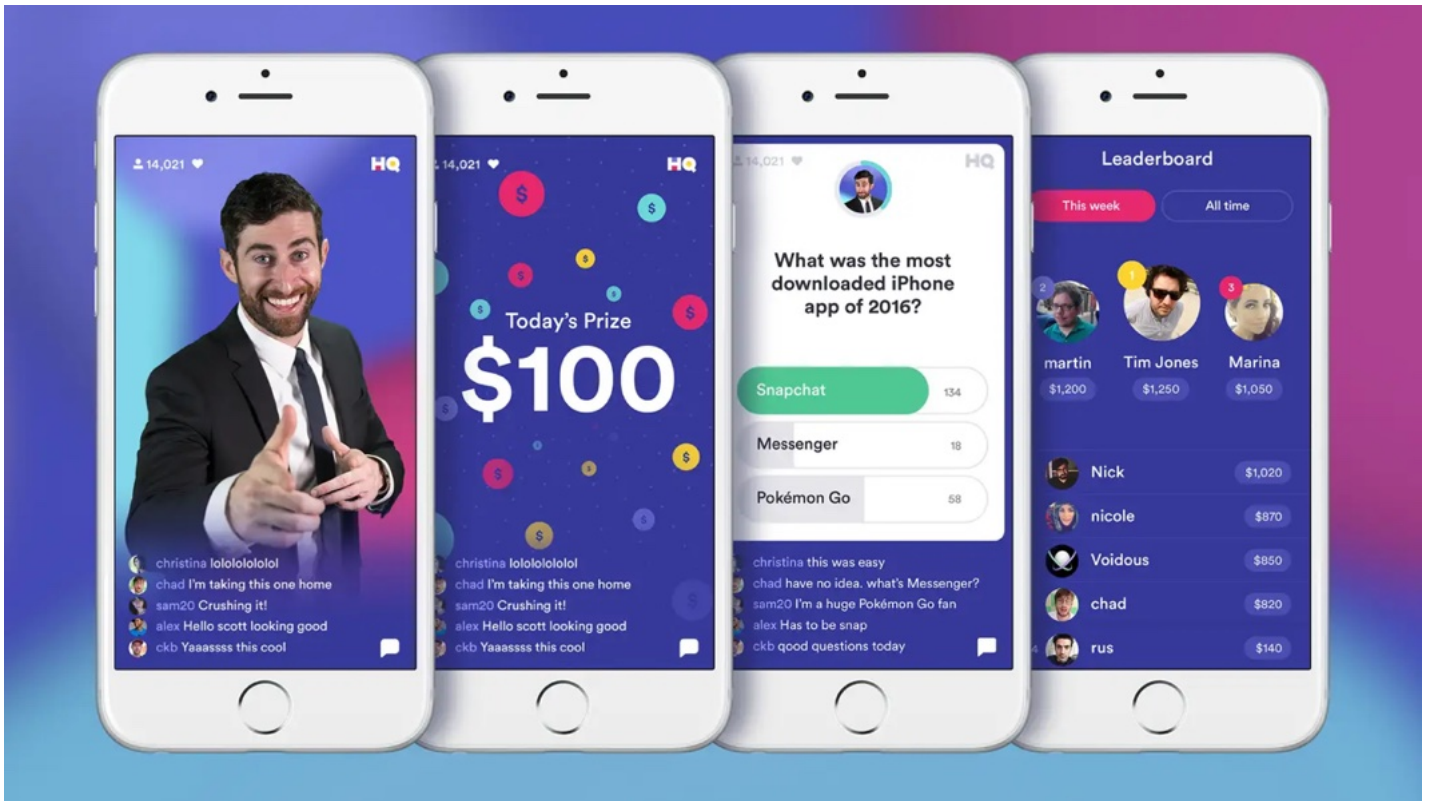


A Mobile Trivia App, Full Stack, 2017.9 - 2018.1

A mobile trivia app which is similar to HQ Trivia. The app allowed users to participate in daily, live, trivia games in which they could win or split prize money. It was once popular in China.

Responsible for half backend development and admin panel frontend development of early stages of the first version. Participated with technical solution for using the SEI (Supplemental Enhancement Information) to synchronize the timestamp of live streaming of the host and the popup or hidden behavior of trivia game.

We leveraged cloud technologies and modern frameworks with tools such as Java, Spring, Redis, Kafka and ZooKeeper, WebSocket and Socket.IO.



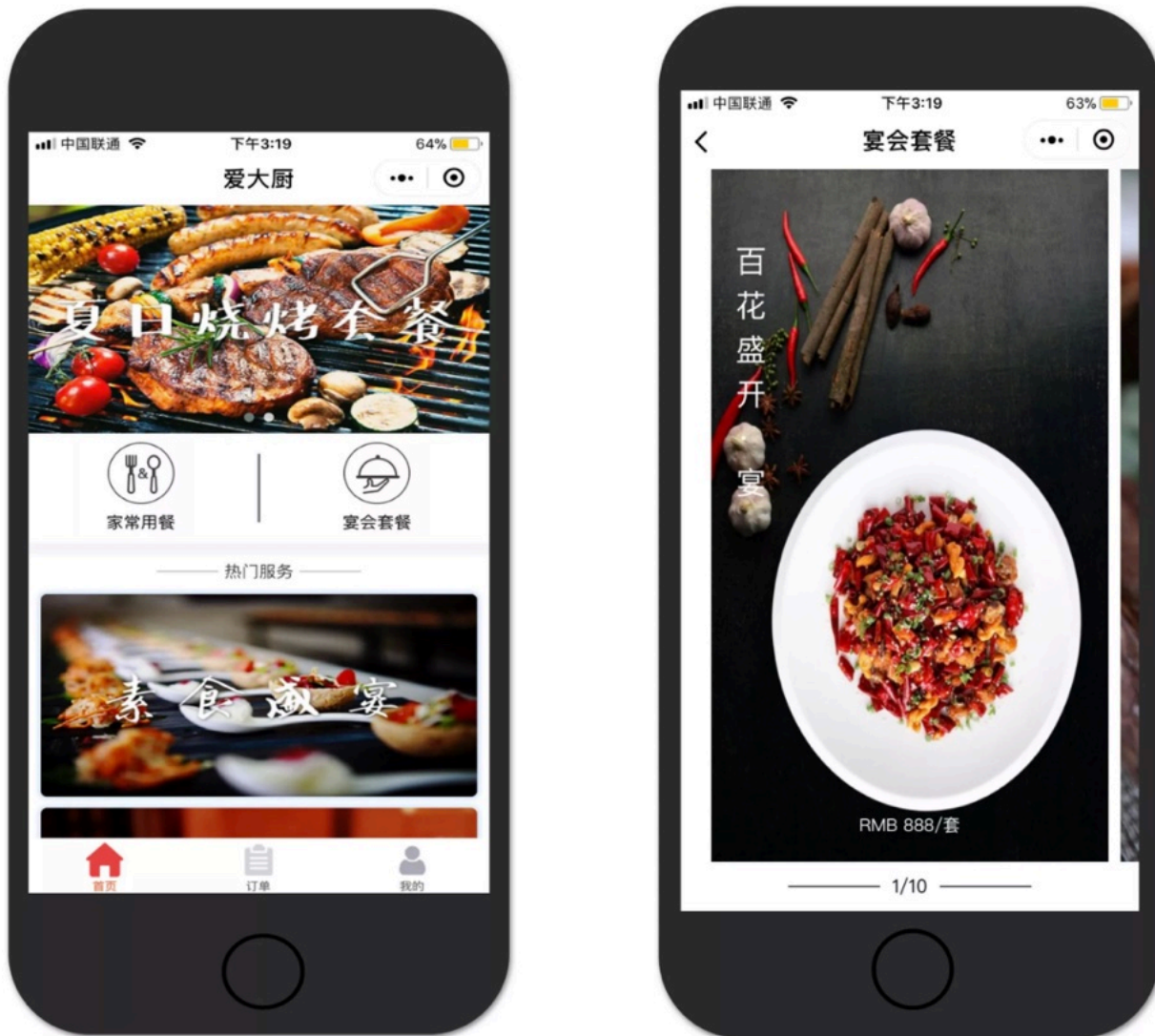
For confidential purpose, here refer to HQ. Image Source: HQ

Square Root Inc - 50 miscellaneous projects, Project Management & Some Software Development, 2018.1 - 2019.12

The 50 miscellaneous projects of Square Root Inc, including websites, games, apps, WeChat mini programs. My software consulting company.

Responsible for team management, contract negotiation, project management, client communications and some software development. In two years, I worked with software development for around half a year.

Example projects:



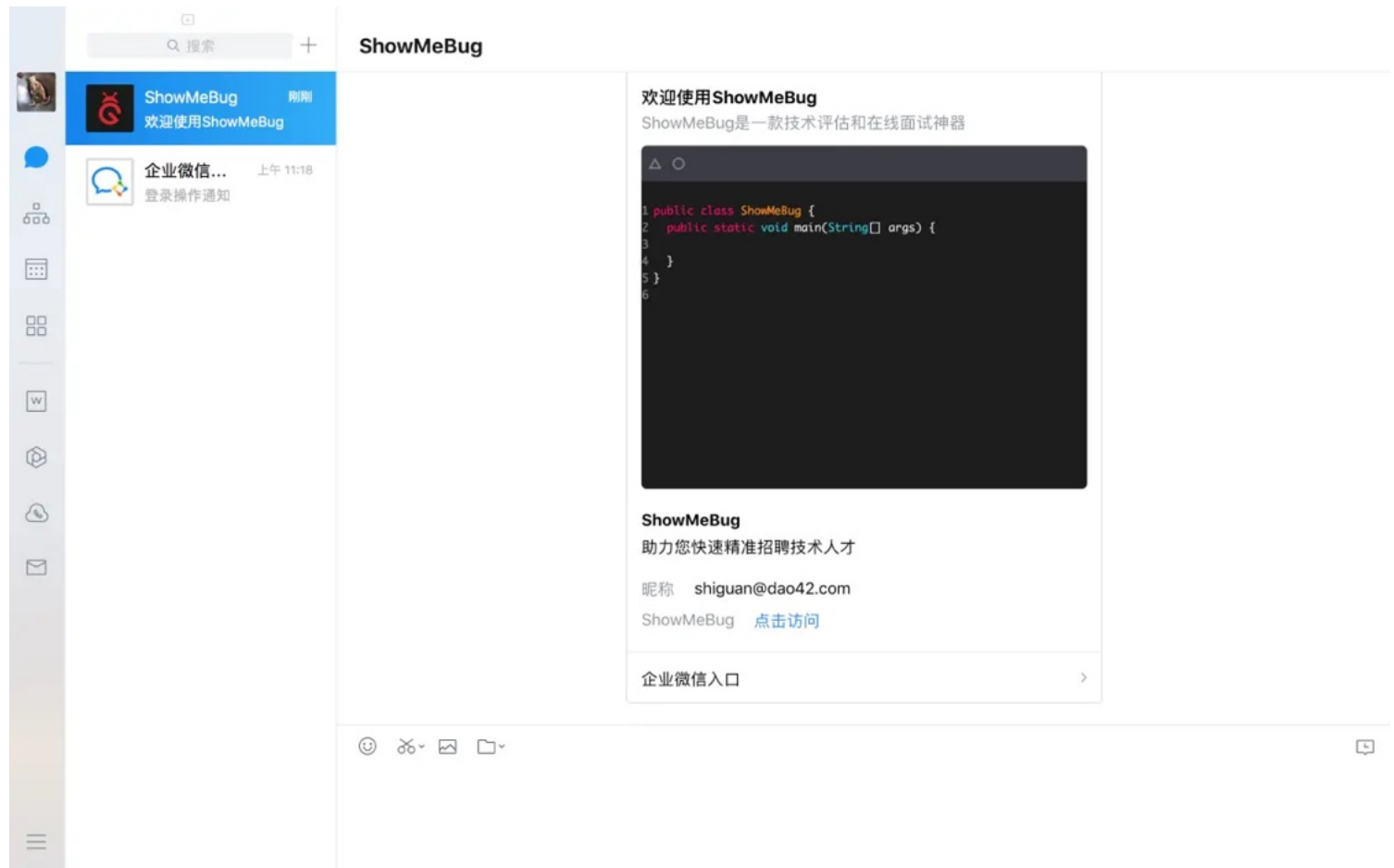
(Responsible for Project Management)

ShowMeBug - Enterprise WeChat Entrance, Full Stack, 2021.7 - 2021.9

ShowMeBug is a technology competence assessment platform that supports practical programming, enabling efficient and accurate assessment and recruitment of technical talents.

Responsible for the integration between the platform and the Enterprise WeChat (like login, and easy interview entrance). In this feature, I mainly used tools such as Ruby, PostgreSQL and WeChat SDK. And I did some technical research about constructing programming

environment in a browser by using Docker.



LvchenSign, Frontend, 2020.4 - 2020.5

LvchenSign specializes in the production of advertising signage for various businesses and events. With a focus on quality and creativity, it strive to deliver impactful visual solutions that elevate brands and captivate audiences.

Responsible for the frontend development of the website. We leveraged the modern frontend technologies like HTML, JavaScript, CSS and Bootstrap.

Open sourced at [GitHub](https://github.com/lzwjava/lvchen-sign), 40 commits. Online page at lvchesign.com.



DBS Client Connect - Equity Trading, Backend, 2021.12 - 2022.6

DBS Client Connect, the first all-in-one, AI- and data-driven customer-relationship management platform.

Contributed as a contractor. Responsible for the backend development of equity trading micro-service.

We leveraged cloud technologies and modern frameworks, employing automation best practices with tools such as Java, Spring Cloud, Jenkins, Pivotal Cloud Foundry, and utilizing BDD and TDD methodologies.

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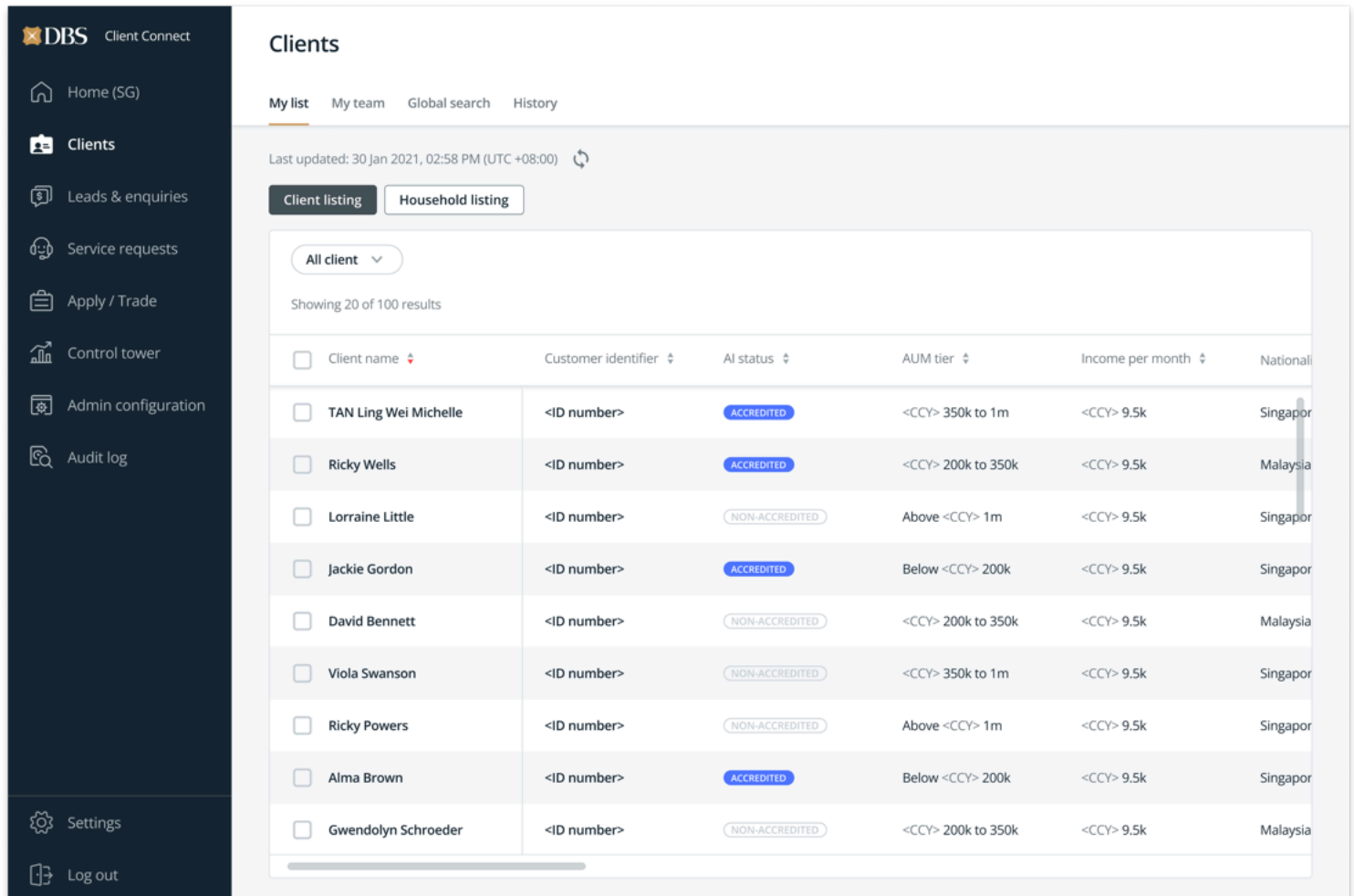


Image source: eddytandesign

DBS DigiBank CN - Mutual Funds, Backend, 2022.7-2022.11

DBS DigiBank CN rethought and redesigned for you to enjoy the faster and more convenient way to bank on the go.

Contributed as a contractor. Responsible for some backend development of several micro-services, including those for mutual funds.

We leveraged cloud technologies and modern frameworks, employing automation best practices with tools such as Java, Spring Cloud, Jenkins, Pivotal Cloud Foundry, and Kibana, and utilizing BDD and TDD methodologies.

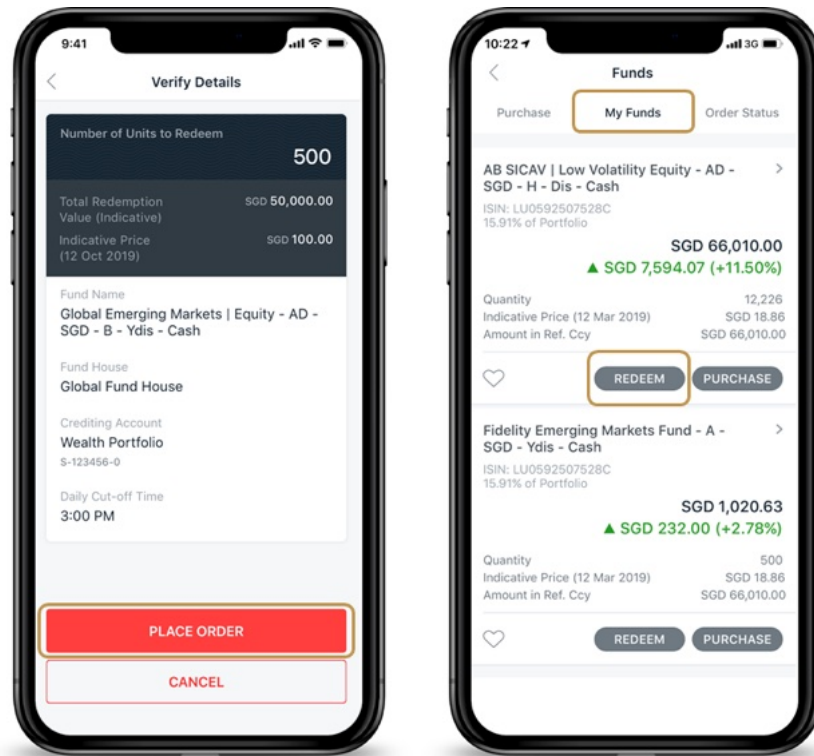


Image source: DBS Digibank CN

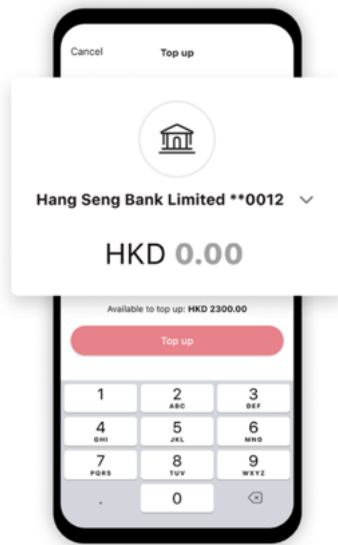
PayMe By HSBC - Auto Top Up, Backend, 2022.12 - 2023.7

PayMe from HSBC is a convenient way to send payments to friends, and make mobile payments to merchants both on and offline.

Contributed as a contractor. Responsible for some backend development for the feature Auto Top Up and a little about AWS migration.

We utilized a strong tech stack including Java, Spring, and Kafka, along with Azure, Azure DevOps, and AWS for cloud services and continuous integration.

Top up from even **more**
Hong Kong banks – not
just HSBC!



Never run out of balance
with **auto top up**

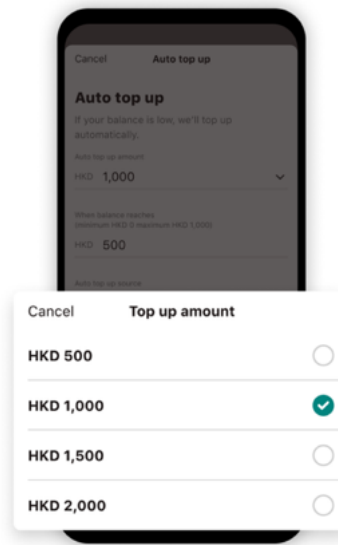


Image Source: PayMe By HSBC

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