

# Fulong Ma

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## PERSONAL INFORMATION

- Job hunting: SDE | Work experience: 6 years | Age: 28



## 🎓 EDUCATION

- Central South University (985), Bachelor of Computer Science, Sep 2015 – Jun 2019
- GPA: 3.64/4.0 Top 10%, English: CET6
- Honors/Awards: National Encouragement Scholarship (Top 2%), Outstanding Graduates (Top 5%), etc.
- Others: As the first author, published SCI Paper : 《 [A Time and Location Correlation Incentive ...](#) 》

## 💼 PROFESSIONAL EXPERIENCE

- **Amazon**, SDE 2, *Shanghai*, July 2022 – May 2025
  - R&D for the projects of JP Amazon customer, aiming to improve customer experience. Led Points Up Campaign Personalization, CER (Customer Engagement Reward) expansion with Docomo, etc.
- **ByteDance**, Back-End Software Engineer, *Shanghai*, July 2019 – July 2022
  - Back-End Development for the Notice System (TPS = 400K) in TikTok (DAU: 600 million), supported business parties to access Notice, led the construction of multiple IDCs, other works for supporting new features and optimizing system stability, etc.
  - Back-End Development for the ToC product app in education field, supported the sales from 0 to 20w+, designed the content manage system CMS, which effectively improved the long-term retention of product users.
  - Designed the code tool to generate Golang code by configuration such as the code generation of CRUD, which improved development efficiency and was used in the department.
  - Promoted the landing of Golang's unit testing. Outputed the best practice in UT, viewed by nearly 4k engineers in company. After invited by the company's technical college to open the course "Unit Testing" as a lecturer, feedback from the students exceeded expectations.
- **Community**: [20+ Patents as the first inventor](#) | [Course of Go Engineering Practice](#)

## 🚩 Selected Project Experience

- **Points Up Campaign | Amazon | 2023.07 - 2024.12**
  - As tech owner, built 4-person engineering team to support evolving business requirements about Points Up Campaign. Integrated BPM and set up Self-Serve to optimize the system and reduce ops cost. Integrated ML Model to enable personalized cashback, boosting user engagement and GMV.
- **TikTok Notice | ByteDance | 2021.03 - 2022.07**
  - Participated in the design and development of the Notice System, supported business parties to access Notice, enhanced the control management and disaster recovery capabilities. As the owner of TTP Project (Oracle as the trusted service provider), led TTP IDC construction and compliance refactor. As the owner, led the construction of inapp push from 0 to 1.

## ✂️ PROFESSIONAL SKILLS

- Programmer Languages: Golang (Proficient), Python/C++/Java/Scala/Javascript/Typescript (Basic).
- Proficient in: Mysql, Redis, Kafka, Distributed System, Git, HTTP, MicroService, etc.
- Basic: AWS (DynamoDB, SNS, SQS, etc), Elastic Search, Linux, Etcd, WebSocket, Thrift, Protobuf, etc.

