

# BLAKE LI

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## WORK HISTORY

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08/2019 to Current **Software Engineer**

**WalmartLabs** – Sunnyvale, CA

- Implemented Spring Boot search query service based on Solr to deprecate legacy Oracle Endeaca and support catalog SKUs scaling from 1M to 30M, resulted in a 22% increase of search revenue and allowed better modeling of query results.
- Built a group of microservices such as typeahead service and brand classifier to better understand search query. It drastically increased search quality and achieved an increase of 19.8% in search revenue.
- Designed and implemented re-Ranking service using Python and FastApi. Queries now show better ranked results based on Machine learning models trained by user signal data. It leads to a 13.8% increase of search revenue.

05/2018 to 08/2018 **Software Developer Intern**

**Microfun** – Beijing, China

- Designed and developed a high-performance HTTP server in BSD system using C++ to replace the former framework for efficient development

## EDUCATION

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05/2019 **Master of Engineering: Computer Engineering**

**Duke University** - Durham, NC

GPA: 3.8

12/2016 **Bachelor of Engineering: Electrical and Computer Engineering**

**Baylor University** - Waco, TX

GPA: 3.7

## SKILLS

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- Java, Python, C/C++
- Solr, Spring Boot, FastApi, Django, Sql, CosmosDB, Redis, Kafka, Unix/Bash, Git, Jenkins, Docker, Kubernetes, Azure Cloud, OOD, Multi-thread, gRPC