

**Mark Qi**  
US Citizen  
mark.x.qi@gmail.com • 404-952-0273

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**INTERESTS**      Distributed System, Data Storage

**EDUCATION**      **Georgia Institute of Technology**, Atlanta, GA      09/2016 - 05/2020  
*Master of Science*, Computer Science  
Specialization: Computing Systems

**Georgia Institute of Technology**, Atlanta, GA      08/2010 - 05/2014  
*Bachelor of Engineering*, Chemical Engineering  
Specialization: Biomolecular Engineering  
Overall GPA: 3.65      Major GPA: 3.8

**PROGRAMMING**   **Proficient:** Java  
                         **Familiar:** Python, Ruby

**EXPERIENCE**      **Google, Inc.**      11/2020 - Present  
*Software Engineer*  
GCP Core Compute      Seattle, WA

- Working on productionalizing tooling to automatically migrate customer workloads on GCP
- Integrating ML into optimizing recommendation system to minimum service downtime on comparable platforms.

**Amazon Web Services**      09/2018 - 11/2020  
*Software Development Engineer II*      Seattle, WA  
Commerce Platform

- Engineered microservices at Amazon-scale volumes, supporting the invoice generation and delivery experience for all AWS customers
- Developed testing strategies and plans for multi-service, multi-region systems
- Worked on org-wide projects to migrated services' backend storage from relational to NoSQL with no service downtime

**The Home Depot**      02/2018 - 07/2018  
*Software Engineer*      Atlanta, GA  
Core Finance

- Designed and built data integration processes between multiple data sources (Google BigQuery, IBM DB2, Teradata)
- Automated verification processes to ensure parity between different databases