Ethan Goh

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Overview

Senior backend developer 8 years of industry experience in Python and C#, based in Seattle.

Technical Experience

2016 – Now   **Lyft Inc.**   *Seattle, WA*
Senior Software Engineer

◇ Founder and technical lead for the Open Platform Fleet Management team, architecting and creating tooling for the Level 5 (Autonomous Vehicle Division) and various Open Platform partners. Provisioned and integrated autonomous vehicles to service rides on the Lyft platform, which has served the worlds largest public autonomous pilot in Las Vegas.

◇ Technical lead for the Driver Education team, where we built data driven systems to encourage drivers to provide a quality passenger experience. Architected Lyft's rating and feedback service that aggregates users' feedback across the app to uphold the quality of the product.

◇ Designed and implemented the venues experience on the Airports & Venues team, which serves 10% of all Lyft rides. Created tools for customer service agents to customize the pickup experience for sticky areas in their local markets.

2014 – 2016   **Microsoft Azure Media Services**   *Redmond, WA*
Software Engineer 2

◇ Architected a distributed media storage solution using Azure Storage that reduced COGS by 30%. Developed backend services for Office 365 Video and defined the Media Services REST APIs.

◇ Improved the deployment speed of Media Services by 7x by rearchitecting the engineering pipeline.

2012 – 2014   **Microsoft Lync Server**   *Redmond, WA*
Software Engineer

◇ Improved Lync Server's reliability and performance by algorithmically partitioning and redistributing user load evenly across hardware.

◇ Designed and achieved seamless upgrades of the Lync Online by revamping the deployment infra. Redesigned Lync's monitoring system to oversee the health of the Lync Online Server.

Education

2008 – 2012   **Bachelors of Science in Engineering**   *Duke University*
Magna cum Laude, Graduation with Distinction in Computer Science
Triple Major in Electrical and Computer Engineering, Mathematics and Computer Science.

Skills & Interests

Experienced: C#, Python, Java.
Familiar: Typescript/Javascript, React
Spoken Languages: Bilingual in English and Mandarin.