

Chen LI

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EDUCATION	University of California, San Diego (UCSD) M.S. in Computer Science <ul style="list-style-type: none">GPA: 3.8/4.0 Focus on Data Science & System (implementation/theory) Beijing University of Posts and Telecommunications (BUPT) B.E. in Software Engineering <ul style="list-style-type: none">GPA: 91.2/100	09/2016 - 12/2017 09/2012 - 07/2016
EXPERIENCE	Amazon Lab126 , Sunnyvale, CA, USA Software Development Engineer <ul style="list-style-type: none">Built cloud services for next-generation Alexa device from scratch, targeting 1 million users.Founding member of the new team, active in the whole engineering lifecycle of new services. Amazon Inc., AWS CloudFormation , Seattle, WA, USA Software Development Engineer Intern <ul style="list-style-type: none">Designed and implemented a new detection module for checking and reporting backward incompatible changes happened in data updating.Designed and implemented new cloud APIs for the data interaction with Amazon S3.	03/2018 - Now 06/2017 - 09/2017
SELECTED PROJECTS	Cloud Gateway Service <ul style="list-style-type: none">Project: A cloud service acts as a unified communication tunnel between device and cloud in terms of directives and events.Job: Act as the tech-lead for this project. Design and implement service framework and APIs.Technology: Java, Guice, RESTful, JSON-RPC Human-Device Speechlet Service <ul style="list-style-type: none">Project: A cloud service in charge of Human-Device NLP interaction.Job: Designed and built the back-end architecture and implemented over 20 UX features.Technology: Java, Guice, JSON-RPC, Alexa Service. Device Space Service <ul style="list-style-type: none">Project: A cloud service in charge of managing the device location.Job: Worked on the user-defined device space info CRUD operations.Technology: Java, Guice, DynamoDB, AmazonSmartHomeService. Self-Service Schema Updates <ul style="list-style-type: none">Project: An automatic incompatible change detection tool.Job: Designed and implemented the tool for detecting and reporting backward incompatible changes happened in resource updating of AWS CloudFormation.Technology: Java, Mockito, DynamoDB, Node.js, Shell. Meal Fact <ul style="list-style-type: none">Project: An Alexa Skill App for telling the user the estimated calories for his specified dish.Job: Implemented the back-end module for processing data and interacting with the user.Demo Link: https://youtu.be/Lv34MfHKMs4Technology: Node.js, Python, NLP, Git. Dango Girl <ul style="list-style-type: none">Project: A single/multi-player game similar to Bomberman.Job: Act as a full-stack engineer in charge of game design and algorithm implementation.Code Link: https://github.com/Relics/DangoGirlTechnology: C++, QT framework, SQLite.	07/2018 - Now 03/2018 - Now 03/2018 - 05/2018 06/2017 - 09/2017 08/2017 - 09/2017 03/2014 - 09/2014
PUBLICATIONS	[1] Chen Li , Zhaoxing Li, Zhenyu Wang. An improved K-Shell algorithm for searching the most influential nodes on a small-world network, WCSE 2014, Hong Kong.	
STRENGTH	Programming Language: Java, C++, C#, Python, Shell Tools and Frameworks: Git, Guice, REST, JSON-RPC, Hadoop (Pig), MapReduce, Spark	