Haoyao Chen

San Jose, CA

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EDUCATION

Santa Clara University   Santa Clara, CA
Master of Science in Computer Science   Sep 2019 – Mar 2021

- **Relevant courses (planned):** Design and Analysis of Algorithms, Database Systems, Distributed Systems, Cloud Computing, Parallel Programming, Web Search and Information Retrieval, Big Data, Software Architecture

University of California, Davis   Davis, CA
Bachelor of Science in Computer Science   Oct 2014 – Jun 2016

- **Relevant courses:** Data Structures, Object-oriented Programming, Discrete Math, Operating Systems, Computer Architecture, Computer Networks, Programming Languages, Software Engineering, Machine Learning

TECHNICAL SKILLSET

jjjjjjj HEAD **Languages**: Java, C, Python   **Technologies**: Unix/Linux, Git, MySQL, Spring Framework, Apache Spark,
Hadoowo SclApache Jopnks Hadoop, MySQL **Languages**: Java, Angular.js, Git, Scala, Python, Javascript;;;; **Technologies**: Spring
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EXPERIENCE

Amazon Web Services   East Palo Alto, CA
Software Engineer Intern   Jun 2020 - Sep 2020

- Mastered internal code development, review, deployment tools
- Taking ownership of internship project. Responsible for all stages of development including requirement definition, design, coding, testing, and deployment (ongoing)

UiPath   Tokyo, Japan
Technical Consultant   Oct 2018 - Aug 2019

- Won company-wide "Best Project Award" for delivering successful 6 million USD project. Team size: 10
- Developed web application for system admins to monitor batch jobs
- Established coding convention, version control, CI/CD, improving developer productivity for a large software development project involving more than 100 developers
- Hosted weekly tech seminar to help more than 40 developers improve code quality
- Gathered customer feedback on UiPath's products coordinated product feature development, increasing customer satisfaction and making UiPath competitive

Rakuten   Tokyo, Japan
Software Engineer   Oct 2016 - Sep 2018

- Developed web applications for clients to purchase and manage Ad campaigns
- Led effort to adopt Apache Spark to scale up data pipelines. Established best practice for Spark program design and performance tuning
- Coordinated development projects between business development teams and software product development teams to ensure that software products are developed to precise specification
- Mentored new graduates to help them become successful members of my organization
- Implemented Agile methodology for team of 10 developers and led weekly Scrum meetings

PROJECTS

Data API Granular Control (Amazon Web Services)   *Jun 2020 - present*

- Creating APIs for customers to fine-tune AWS Aurora database connection settings

Data pipeline scale-up (Rakuten)   *Sep 2017 - Mar 2018*

- Led effort to scale-up Ad business's data pipeline using Apache Spark
- Created new data pipelines that can efficiently process billions of lines of log data per day