

# Haoyao Chen

San Jose, CA

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## EDUCATION

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### Santa Clara University

*Master of Science in Computer Science GPA: 3.96/4.00*

Santa Clara, CA

*Sep 2019 – Mar 2021*

### University of California, Davis

*Bachelor of Science in Computer Science GPA: 3.22/4.00 (including transfer units)*

Davis, CA

*Oct 2014 – Jun 2016*

## RELEVANT COURSES

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Data Structures and Algorithms, Operating Systems, Computer Architecture, Computer Networks, Software Engineering, Database Systems, Distributed Systems, Cloud Computing, Parallel Programming, Machine Learning

## TECHNICAL SKILLSET

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**Languages:** Java, C, C++, Python, Scala, Javascript

**Other skills:** Unix/Linux, Git, Apache Spark, Apache Hive, Apache Kafka, SQL, NoSQL, MySQL, Apache, Tomcat, AWS (S3, EC2, CloudFormation, IAM, DynamoDB, RDS, EMR), HTML, CSS

## WORK EXPERIENCE

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### Amazon Web Services

*Software Engineer Intern*

Santa Clara, CA

*Jun 2020 - Sep 2020*

- Won a **full-time return offer** for recognition of my job performance and work ethics.
- Developed a highly demanded feature for a growing cloud database service with 2,000 customers and 3 billion requests per day. This feature provides a public API for customers to apply configurations, including connection limit, to their database instances.
- Created a thorough design for my project that includes user interface, architecture, data schema, and logic flow.
- Wrote code with attention to details and quality, maintaining pull request revisions to fewer than 3.
- Demonstrated ownership by driving the project from requirement definition to release in 10 weeks.
- Ensured timely delivery of my project through proactive communication with stakeholders inside and outside my organization.
- Raised the quality bar for my colleagues' work through design reviews and code reviews on a daily basis, going beyond the requirement for interns.
- Boosted morale for my team by organizing online and offline social activities while working remotely.

### UiPath

*Technical Consultant*

Tokyo, Japan

*Oct 2018 - Aug 2019*

- Won company-wide *Best Project Award* for successfully delivering a USD 6 million project. (Team size: 10)
- Established coding convention, version control, CI/CD for a development project with more 100 developers.
- Hosted weekly tech seminar introduce development best practices, helping more than 40 developers improve productivity and code quality.
- Discovered and reproduced 10 regressions of a major software version, contributing to its successful release.
- Coordinated product feature development by gathering customer feedback and communicating those feedback with development teams, increasing customer satisfaction and making UiPath competitive.

### Rakuten

*Software Engineer*

Tokyo, Japan

*Oct 2016 - Sep 2018*

- Developed web applications for clients to purchase and manage Ad campaigns.
- Led effort to scale up a growing Ad business by migrating data pipelines to Apache Spark. Established best practice for Spark program design and performance tuning.
- Created business intelligence dashboards to visualize search trends and Ad sales opportunities, enabling business teams to prioritize Ad clients based on revenue potential.
- Coordinated development projects between business development teams and software development teams to ensure that software products are developed to precise specification.
- Improved system stability and service quality by proactively fixing bugs in backlog.
- Mentored new graduates to help them become successful members of my organization.