

Haoyao Chen

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EDUCATION

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

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

TECHNICAL SKILLSET

Languages: Java, C, C++, JavaScript, Python, Scala

Other skills: Unix/Linux, Git, Apache Spark, Apache Kafka, Hadoop, HDFS, Jenkins, Maven, AWS (S3, EC2, CloudFormation, IAM, DynamoDB, RDS), RESTful API, SQL, NoSQL, MongoDB, GraphQL, React, Angular JS

WORK EXPERIENCE

Amazon Web Services

Software Engineer Intern

Santa Clara, CA

Jun 2020 - Sep 2020

- Demonstrated technical competency by owning all stages of software development including requirement definition, functional design, architecture design, coding, unit testing, integration testing, deployment, and metrics collection
- Contributed to colleagues' work through design reviews and code reviews on a daily basis
- Ensured timely and high-quality delivery of my project through proactive communication with product managers, software development managers, internal and external software engineers
- Won a full-time return offer for recognition of my job performance and work ethics

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 to help more than 40 developers improve code quality
- 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 (backend) 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 development teams to ensure that software products are developed to precise specification
- Mentored new graduates to help them become successful members of my organization

PROJECTS

Cloud Database Granular Control (Amazon Web Services)

Jun 2020 - Sep 2020

- Built highly demanded feature for customers to apply scaling configurations to their cloud databases
- Created additional public APIs and backend logic for a rapidly growing service with 2,000 customers and 3 billion requests per day
- Completed all stages of the project, from design to beta release, in 10 weeks

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