

# Sijia (CJ) Chen

(415) 988-0835 | [sijia1996@gmail.com](mailto:sijia1996@gmail.com) | [linkedin.com/in/cj-chen](https://www.linkedin.com/in/cj-chen) | [github.com/cjschen](https://github.com/cjschen)

## ABOUT ME

University of Waterloo educated Platform Engineer with 8 years of professional experience who is passionate about building robust and scalable tooling and backend platforms.

## SKILLS

Python3, C#, Serverless, CI/CD, ECS, Javascript, Typescript, Postgres, RDS, Spinnaker, Jenkins/Groovy, Bash, Cypress, React, Kotlin, Kubernetes, AWS Lambda

## EXPERIENCE

### Senior Platform Engineer

Jan 2025 – Apr 2026

*Autodesk Inc*

*San Francisco, CA*

- Led and onboarded new team focused on platformizing quality tooling and test-data generation
- Designed, developed, and maintained a serverless lambda service using C# and Python, supporting regionalization validation and load testing across distributed systems.
- Collaborated with multiple engineering teams across Autodesk to promote inner sourcing, enabling cross-team adoption and shared ownership.

### Senior DevOps Engineer

Oct 2022 – Jan 2025

*Autodesk Inc*

*San Francisco, CA*

- Contributed to observability, CI/CD pipeline development, and security vulnerability management for Autodesk Forma, supporting a high-traffic, high-availability cloud service operating under FedRAMP and SOC2 compliance requirements.
- Executed large-scale data migration for a 24x large Amazon RDS instance with 8k QPS between AWS accounts to enable read replicas, failovers and improve performance.
- Led regional deployment of Autodesk Construction Cloud components into new Australian Datacenter to facilitate performance improvements and data sovereignty requirements for customers.
- Led Construction Backend Engineering Town Hall, facilitating cross-team collaboration on shared backend architecture and platform challenges.

### Automation Platform Engineer

Sept 2018 – Apr 2019, Aug 2019 – Oct 2022

*PlanGrid (acq. Autodesk Inc)*

*San Francisco, CA*

- Developed and maintained CI/CD pipelines and reusable test packages to enable feature teams to build robust automated testing frameworks and improve test quality and coverage.
- Maintained and scaled an internal service responsible for generating, persisting, and dynamically assigning complex project data to users on demand for validation workflows.
- Led monthly meetings and events for Female and Non-Binary R&D members within Autodesk Construction Solutions, fostering inclusion, mentorship, and cross-team collaboration.

## EDUCATION

### University of Waterloo

Sep 2014 – Jun 2019

*Bachelor Degree in Honours Computer Science*

*Ontario, Canada*

## INTERNSHIPS

### Quality Automation Intern

Jan 2018 – Apr 2018

*Future Advisor (acq. BlackRock)*

*San Francisco, CA*

### Co-op Student

May 2017 – Aug 2017

*Toronto Transit Commission*

*Toronto, Canada*

### Security Data Analyst

Sept 2016 – Dec 2016

*Royal Bank of Canada*

*Toronto, Canada*

### Mobile Developer

Jan 2016 – Apr 2016

*New Signature*

*Toronto, Canada*

### Developer

May 2015 – Aug 2015

*Evermight*

*Toronto, Canada*

## PROJECTS

### Household Reporter | *Python, Google Cloud API*

- Fetches transaction reports from Gmail, processes, categorizes and pushes it into Google Sheets

### Personal Website | *React, Javascript*

- Portfolio Website originally deployed on Heroku, then migrated onto Github Pages

### AO3 Trends — *BeautifulSoup, SQLite, Matplotlib*

- Web Scrapes archiveofourown.org in accordance with the robot.txt file requested rate limit
- Processes tags associated with fan works using NumPy and displays trends in fandoms across time
- Data Storage with SQLite DB and SQLAlchemy