

RUTH GRACE WONG

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EXPERIENCE

Civic Consultant - *Project management, and IT consulting for orgs serving municipalities*

June 2024 to present

- Prototyping and project management for charging docks and cargo bikeshare at Drop Mobility.
- IT planning, procurement, and set up for Psych Crisis' mental health ambulance dispatch team.
- Ballot Simplification committee member for San Francisco

Senior Software Engineer - *Tech lead for server configuration, Pinterest Cloud Architecture Team*

January 2022 to June 2024

- Led technical strategy for server configuration at Pinterest, including writing road maps and advising teams on upgrades, best practices, and contingency planning.
- Increased reliability and saved costs by compressing server configs, running Puppet via Go binary, automating serverspec testing and instance launch testing, and rolling out per-cluster alerting.
- Upgraded OS on 100K+ servers via tech guidance & hands-on support for company-wide initiative.
- Improved developer velocity by speeding up Puppet Rspec testing by 4x via module parallelization.

Site Reliability Engineer - *Pinterest Core SRE Team*

July 2016 to December 2021

- Prototyped automatic machine upgrades (Python, Spinnaker, AWS) [Showcased at SREcon19 Asia](#)
- Supported 1000+ requests from engineers. Made self-serve tools & docs for common requests.
- On call for Pinterest uptime. Ack'd 500+ pages, often debugging unfamiliar services.
- Ran infra orientation for new engineers 2017-2018, internal educative panels, SRE book club. Contributed to 200+ internal wiki articles. Trained 10 engineers for on call. Managed contractors.

Part Time Manufacturing Engineer - *Aqua Design Innovations*

August 2018 to August 2019

- Managed factories, contractors, and vendors to maintain a 5-product line of aquaponic products.
- CAD (Fusion 360), testing, and prototyping for product development.

Site Reliability Engineer Intern - *Google Persistent Disk team*

May 2015 - August 2015

- Implemented early detection system for compaction failures in cloud storage segments

RESEARCH, WRITING, CONSULTING

Masters Thesis	Formulated new ways to calculate differences between human microbiomes .
Technical writing	For Scope of Work and SupplyFrame Hardware , mostly about manufacturing
Technical consulting	Cybersecurity recommendations for FDA compliance for PathologyWatch
Websites	Family Swim Finder , Approval Voting , Joyful Parenting SF