

# RUTH GRACE WONG

268 BYNG AVENUE · NORTH YORK · ONTARIO · CANADA

✉ RUTHGRACEWONG@GMAIL.COM ☎ (647) 868-3107

## SKILLS

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Programming and Scripting  
Software / Tools

Python, Bash, Java, R  
Amazon Web Services, Fusion360 CAD

## EXPERIENCE

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Site Reliability Engineer - Pinterest Core SRE team

July 2016 to Present

- Developing and automating systems to improve the reliability of Pinterest
- Part of on call rotation to resolve outages as they occur

Part Time Manufacturing Engineer - Aqua Design Innovations

August 2018 to Present

- Bringing Sprout (plastic) and Air 2 (IoT) products from design to production
- Improving previous products based on feedback from customer service and sales teams.

Site Reliability Engineer Intern - Google Persistent Disk team

May 2015 - August 2015

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

Summer Lab Assistant - Egan Lab, SickKids Hospital, University of Toronto

October 2009 - August 2012

- Conducted experiments involving mouse autopsies, sequencing, and tumor classification.
- Part-authored two papers published in Cancer Research.

## PROJECTS

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Masters Thesis

Created custom DNA analysis pipeline to study role of gut microbiome in fatty liver disease and atherosclerosis.

Developed techniques to measure difference between samples.

Hack Western

Ran a 500 student, 36 hour hackathon.

Directed a team of 16 students to do sponsorships and logistics.

## EDUCATION

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Masters of Science 2016

Computational Biochemistry, University of Western Ontario

Bachelor of Medical Science 2014

Computational Biochemistry, University of Western Ontario

Competed on ACM programming team 2010-2013