

# RUTH GRACE WONG

268 BYNG AVENUE · NORTH YORK · ONTARIO · CANADA

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## 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

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

Software Engineer (Site Reliability) Intern - Google NYC

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.

ACM International Collegiate Programming Contest - University of Western Ontario

September 2010 - November 2014

- Selected to compete for Western on 3 man team from 2010 to 2013, coding in Java.
- Coached team in 2014 and 2015.

## 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