

# Sam Ling

Software Engineer, Google

Seattle, Washington

sam@thling.com | +1 (206) 659 9775

---

## HIGHLIGHTS

- Experienced with HTML, JavaScript/Node.js, React, Angular, TypeScript, CSS
  - Proficient with Java, Kotlin, SQL/NoSQL, Bash; knowledge of C/C++
  - Advises system designs and lead engineer for full-stack projects
- 

## WORK EXPERIENCE

### Software Engineer | Google

Seattle, WA, USA | Jul 2020 - Present

- Lead engineer on the UI for BigQuery Migration, with contributions on the user experience and server-side data processing middleware
- Launched high-profile products including batch translation and interactive translation
- Cross functional partnership with UX designs and back-end teams to assist in their change requests
- Worked with customer representatives to provide support for large GCP customers

### Software Engineer | Airbnb

Seattle, WA, USA | Apr 2019 - Jul 2020

- Designed, implemented, and maintained translation flow for localizing article contents
- Contributed to redesign of the frontend system of Help Center
- Contributed to urgent projects in response to COVID-19 such as search optimization and cancellable trip highlights
- Pioneered and led operational initiatives such as documentation improvement and TypeScript migration

### Software Development Engineer | Amazon.com

Seattle, WA, USA | Feb 2016 - Mar 2019

- Organizational impact working on UX library used by 97% of Amazon's e-Commerce teams
- Designed and implemented the team's unique release process
- Contributed to the team's own build and deploy infrastructure
- Designed and implemented company-internal tools framework
- Designed and implemented UX A/B testing experiment with low latency impact, leading to an estimated annualised win of USD \$440 million worldwide

## PROJECTS

### Sharist

Aug 2020 - Present

- Lead front-end engineer for a map-based React application
- Incorporated Google Maps API and designed and implemented a wrapper class for drawing on a singleton map instance
- Designed and implemented a small-scale design system, creating consistent rules such as colour, shading, and sizing steps

### MentorInTech

Apr 2018 - May 2019 | <https://mentorintech.com>

- Led the front-end team in developing large-scale React web application
- Designed and implemented complex and reusable components
- Assisted back-end team in infrastructure and database systems designs

### User Input Genuity Experiment

Nov 2015 - Dec 2015 | <http://bit.ly/2DSmkIL>

- Designed and implemented the back-end system using Node.js and MongoDB
- Designed and implemented the front-end user experience, including user tracking (<http://bit.ly/2nwwinY>)

### Applyte

Jun 2015 - Jun 2016

- Designed and implemented the back-end system using Node.js and RethinkDB
- Designed and implemented security flow for an API-centric web application
- Contributed to front-end designs and prototypes
- Coordinated developers to assist in development

---

## EDUCATIONS

### Master of Science in Computer Science | Purdue University

West Lafayette, IN, USA | Jan 2014 - Dec 2015

### Bachelor of Honours Computer Science Co-op | University of Waterloo

Waterloo, ON, Canada | Sep 2008 - Jun 2013

---

## ACTIVITIES AND INTERESTS

- Develop small programs that make life easier
- Experiment different kinds of design styles on software and web pages
- Improvise and compose piano pieces
- Travel around the world and admire the architectures
- Stock market speculation (extremely amateur)