Chuqian Susan **Li**

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in susancqli

Languages

JavaScript	Scala
Python	PHP
Java	OCaml
C++	

Frameworks

React	Socket.io
Redux	NodeJS
ExpressJS	KeystoneJS

Tools

AWS	PostgreSQL
Docker	MongoDB
Heroku	Firebase
Android Studio	Flow

Education

University of Waterloo 2016 - 2021

B.ASc. in Computer Engineering

Awards: Queen's Golden Jubilee Citizenship Medal, Premiere's Citizenship Award, Hatch Entrance Scholarship, President's Scholarship of Distinction

GPA: 3.85 (87%)

Experience

Asana — San Francisco, CA
Software Engineering Intern — Jan 2019 - May 2019

- **Deployed** and configured production level revenue-handling micro-service
- Abstracted distributed database pipeline job into **25% faster** atomicised and async processes
- **Designed launch plan** including on-call process, escalation procedures, monitor thresholds,

Facebook — Menlo Park, CA
Front End Engineering Intern — May 2018 - Aug 2018

- Developed bulk editing functionality in Ads Manager; increasing user-interaction by **315%**, revenue by **$390 000**
- Added **regex** filtering for **code tracking script** in PHP and ReasonML/OCaml
- Reduced **memory consumption** of script by **400%**, maintaining run time

Blueprint, University of Waterloo Chapter — Waterloo, ON
Project Lead — Sep 2018 - Present

- **Led 2 projects** with teams composed of designers and developers of different skill levels and experiences; technically scoped high-level & low-level tasks
- Successfully **finished 1 month in advance** for a project with extended features; halted another project

Pippa — New York, NY
Full Stack Software Engineering Intern — Sep 2017 - Dec 2017

- **Reduced use of storage by 40%** by programmatically replacing similar data
- Developed features in ReactJS including a **custom web audio player**

Robin Media — Los Angeles, CA
Full Stack Software Engineering Intern — Jan 2017 - Apr 2017

- **Developed transaction process** to reduce manual customer service time by **50%**
- Build client-side **global search functionality** with inclusive/exclusive querying

Projects

Symposio ⭘ — Personal Project

NodeJS, React, Watson Developer Cloud, AWS EC2, WebRTC, Socket.io, ffmpeg, Docker

- **Interview application** including real-time messaging, audio/video recording, transcript generation, and audio mixing

Markov Messenger ⭘ — Team Project @ EngHack 2017

Python, ReactNative, NodeJS, Heroku and **custom semantic analysis algorithm**

- Facebook autoresponder using **Markov model** generated sentences populated by scraping conversation data; reacts with emoji bearing message sentiment