

## Summary

Engineering leader with a proven track record of successfully landing experimental 0-1 efforts in a fast paced, hyper-growth startup environment.

## Work Experience

### Doordash Inc: Staff Software Engineer

April 2018 - Current

#### Social and User-Generated Content (UGC) Team Tech Lead

- Spearheaded the newly-formed social content strategy team at DoorDash as the overall tech lead, overseeing 10+ web, mobile, and backend engineers.
- Lead for key launches generating \$XXXM incremental annual GMV.
  - Item and store ratings (from 0 to XXM reviews annual)
  - Rating display on store page
  - Dedicated store review page
- Initiated and led the SEO project to synergize with UGC initiatives and achieve competitive parity with industry rivals.

#### Caviar Web Tech Lead

- Web tech lead of Caviar org (acquired in 2020). Transferred from DoorDash as part of acquisition.
- Lead the web frontend integration project to unify Caviar and DoorDash's frontend codebases and infrastructures.
  - Authored engineering post:  
[doordash.engineering/2020/09/29/caviar-web-experience-react-components](https://doordash.engineering/2020/09/29/caviar-web-experience-react-components)
- Lead web projects including
  - Item limit for merchants: incremental \$XXM GMV.
  - Self service menu editor for premium merchants.

#### Web Infrastructure Team Founding Engineer

- Founding engineer of the newly formed web infrastructure team.
- Projects
  - Backend for frontend (BFF) and graphql - revamped the client API contract from client → server to client → BFF → server. Introduced the BFF concept and GraphQL tech to doordash and standardized all client APIs to use GraphQL.
  - Feature flag library - developed and maintained library for experimentation.
  - i18n - developed the i18n library to support DoorDash's initial international expansion (French Canada, Puerto Rico).
  - Login webview for native clients - Unified authentication across all clients. Designed, and implemented the iOS webview.

#### Consumer Web Team

- Member of the doordash consumer web team responsible for supporting doordash.com.
  - Fun fact: initially was one of the only two engineers responsible for doordash.com.
- Worked on the complete redesign and reimplement of all doordash web surfaces from the start to finish.
  - Modernized the frontend with new technologies, including modern React and TypeScript support.
- Owned the rewrite of the following pages and features that are still in use to this date
  - Login, Store, and Checkout page
  - Restaurant categories
  - Group order cart
  - Rewrote the item selection modal to support nested options and validation.

# Hana Um

[hanaum.com](http://hanaum.com)

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[github.com/hanaum](https://github.com/hanaum)

## **BioElectron Technology Corporation: Software Engineer**

Sep 2016 - March 2018

- Designed and deployed multiple internal tools for scientists in order to modernize the scientific workflow.

## **Kryptnostic Inc: Frontend Engineer**

Jan 2016 - Jun 2016

- Built [kryptnostic.com](http://kryptnostic.com) and worked on the secure communication platform [kodex.im](http://kodex.im).

## **Self-taught Computer Science**

Oct 2014 - Dec 2015

## **Biomedical Engineering Department, Columbia University: Lab Technician**

Jun 2010 - Oct 2014

- Conducted research on fibroblast migration. Data analysis and programming using SPSS and Matlab.
- Independently discovered a significant gene (cwf14Δ) linked to a chromatin mutation.

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## **Skills (not exhaustive)**

Languages: Typescript, Javascript, Python

Frameworks: React, Next.js, Astro, Angular

Technologies: ES6, HTML5, CSS, GraphQL, Amplitude, Chronosphere, SQL, webpack, i18next + many more.

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## **Education**

### **Columbia University - Barnard College**

Sep 2009 - May 2013

B.A. Biological Sciences - Biomedical Engineering