

# Justin Kuang

## Contact

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## Education

### Cornell University B.S. Computer Science

Concentration: Game Theory  
Ithaca, NY

Grad. May 2020 | GPA: 3.57

Full ride, College of Engineering. Took two semesters off (Fall 2018, Fall 2019) to intern through the co-op program.

### Dulaney High School

Grad. May 2016  
Baltimore, MD

National AP Scholar

## Coursework

### Econ

Game Theory  
Global Business Strategy (MBA)  
Military Innovation in World Politics  
Risk Mgmt. in Emerging Markets (MBA)  
Strategic Thinking

### Computer Science

Algorithms  
Artificial Intelligence (Grad.)  
Data-Driven Web Applications  
Functional Programming  
Networks  
Networks 2 (Market Design)  
Operating Systems  
Software Engineering

### Math

Differential Equations  
Linear Algebra  
Multivariable Calculus  
Probability Theory

## Interests

Chipotle  
Cycling  
Chess (1900+ in blitz on lichess.org)  
Domestic Travel: Been to 35 states in the past 4 years, with a focus on hiking + national parks

## Work

### Instagram (Shopping, Seller Activation) | Software Engineer

June 2020 – Present | New York, NY

Software engineer on team that owns Seller onboarding + growth for Instagram Shopping. Building supply side of IG Shopping from 0 → 1.

Selected projects:

- Built infrastructure for determining if sellers are actually located in State Department-sanctioned countries (Iran, Cuba etc) + removing already onboarded violators. New system has prevented 1 mil+ false positives from onboarding since launch.

- Redesigned international market gating to be more scalable. Previous system was binary and implemented across two codebases (FB/IG)– new version is migrated to FB and allows incremental rollout in markets. Was engineering POC for launching Instagram Shopping to 35 new countries in 2020 using this new system.

- Built backend system for allowing sellers to apply with a second website. Unblocked sellers using Shopify who originally onboarded using myshop.shopify.com and are migrating to myactualurl.com.

- Migrated critical IG-only logic to be in sync with overall FB-wide commerce systems– rewrote logic for computing seller eligibility, onboarding state, etc.

### Facebook (Recruiting Metrics) | Software Engineering Intern

Fall 2019 | New York, NY

Built new infrastructure to compute datetime information for internal recruiting metrics.

### American Express (Digital Labs) | Associate Product Manager Intern

Summer 2019 | New York, NY

Only non-MBA intern in Digital Labs, Amex's internal product group focused on digital payments. Worked on two specific projects:

Developed initial metrics reporting infrastructure for a confidential product launching in 2020. Worked with a data science team to compute select top of line metrics. Reported current pilot progress and adoption to VP+ executives.

Jumpstarted MVP development of a recurring purchases manager for the Amex web interface. Led engineering (scoped out existing API work on a similar project) and design efforts, and ran user research sessions with both internal testers and external volunteers. The MVP is now under general development by a separate team within the company.

### Yelp | Software Engineering Intern

Fall 2018 | San Francisco, CA

Redesigned logic for determining whether a business is currently open or not to be more scalable across all of Yelp.

### Facebook (Recruiting Evaluate) | Software Engineering Intern

Summer 2018 | Menlo Park, CA

Built two coordinator-facing products for Facebook's internal recruiting platform. Both are now used for all onsite interview loops at Facebook.

### Sabre (Commercial Analytics) | Software Engineering Intern

Summer 2017 | Dallas, TX

Built new features for a route revenue data viz platform used by airline analysts.

## School

### Executive Director | BigRed//Hacks

2016 – 2019

Led Cornell's flagship MLH hackathon in 2018. Prev. as Sponsorship Director, drove \$85k in sponsorship revenue in 2017, which allowed our event to run at a profit.

### Tour Guide | Cornell Engineering

2017 – 2020

During college, I led tours for potential new students and their parents as an official student ambassador of the College of Engineering. Got pretty good at walking and talking backwards!