

# Justin Kuang

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## Education

### Cornell University

B.S. Computer Science  
Concentration: Game Theory  
GPA: 3.55  
Grad. May 2020 | Ithaca, NY

### Dulaney High School

Grad. 2016 | Lutherville, MD

## Coursework

### MBA

Global Business Strategy  
Risk Mgmt. in Emerging Markets  
Strategic Thinking

### Computer Science

Algorithms  
Functional Programming  
Data-Driven Web Applications

### Math

Linear Algebra  
Differential Equations  
Multivariable Calculus

## Interests

Cycling  
Badminton  
Subaru Motors

## Software Engineering Experience

### Facebook | SWE Intern

Summer 2018  
Menlo Park, CA  
Building systems to support Facebook's recruiting platform, specifically the evaluation process of candidates.

### Sabre | SWE Intern

Summer 2018  
Southlake, TX  
Implemented UI changes on the Commercial Analytics product, a data visualization tool for airline industry analysts.  
Developed React.js components to support new features.

## Business Experience

### BigRed//Hacks | Executive Director

2016-Present  
Ithaca, NY  
Leading 25 student organizers across 5 teams (Sponsorship, Logistics, Finance, Web Development, Design) to run Cornell University's flagship hackathon.

Previously, as Sponsorship Director, drove sponsorship revenue from 40k to 85k over a one year time span.

## Stuff I've Built

### NYC Uber Pickups vs Wealth Visualization

justinkuang.com/uber-nyc-visualization  
Data visualization (mainly D3.js) of NYC Uber pickups graphed vs a choropleth map showing median income by county.

### Battleship AI

justinkuang.com/battleshipAI  
Applied Bayesian Search Theory to the game of Battleship.  
Designed a ship-seeking algorithm that is 53% more efficient (in # moves) than random, and 23% better than the naive solution.