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 zip code.

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.