

Ben Guo

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Education

Sophomore
University of California, Los Angeles
Majoring in Computer Science

Employment

Software Engineer Intern Jul 2022 – Sep 2022
Yami

Created a demographics database consisting of the total population and Asian percentage of all US cities (for sales purposes) and colleges and built a web app that hosts the collected information and allows users to access it.

Languages / Frameworks Used:
MySQL: DB, Angular: Front-end, Java+Spring: Back-end, Python: Web crawling

Experiences

Caltech STEM Research Program 2020
Partnered with Dr. Babak Hassibi from Caltech to research Machine Learning – specifically, semi-crowdsourced clustering and algorithms.

TitanHacks 2020
Organized and Co-Founded TitanHacks, a hackathon hosted in Los Angeles. Over 300 high school students from LA and beyond participated online over a weekend and teamed up to build apps, games, and websites.

UPenn ESAP Jul 2020
Participated in UPenn's 2020 Summer ESAP program. Designed a COVID-19 SEIRD model with my research group using Matlab.

Stanford Pre-Collegiate Studies Jun 2020
Participated in Stanford's 2020 Summer Pre-Collegiate Studies program. Individually designed a COVID-19 data tracker for all countries using RStudio.

Personal details

LinkedIn
linkedin.com/in/ben-guo-652645199

Skills

Teamwork / Collaboration

Organization

Flexibility

Problem Solving

Communication

Adaptation

Languages

- C++
- C
- Python
- Java
- SQL (MySQL)
- R
- HTML
- CSS
- JavaScript (AngularJS, NodeJS, and Typescript)

Relevant Coursework

CS 31 + 32: Objected Oriented Programming with C++

CS 33: Machine Language & Introduction to Computer Organization

Math 32 + 33: Multivariable Calculus and Linear Algebra