

# David Hao

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## Education

### University of North Carolina

BACHELOR OF SCIENCE, COMPUTER SCIENCE; MINOR, MATHEMATICS; MINOR, ENTREPRENEURSHIP

- GPA 3.7
- Dean's List

Chapel Hill, NC

May 2023

## Skills

**Programming** Node.js · Java · Python · C

**Web** MongoDB · Express.js · React.js · HTML/CSS/Javascript

**Languages** English · Chinese

**Coursework** Object Oriented Programming **Java** · Data Structures and Algorithms **Java** · Computer Organization **C**, **Bash**, **Git**

## Experience

### Cisco Systems

INTERN

RTP, NC

June 2019 - July 2019

- Led consistently highest performing team of four through two projects.
- Main point of contact between mentors, sales engineers, and customer, reported directly to executives.
- Ideated and proposed Wi-Fi heatmapping solution to optimize traffic flow and provide business/realty insights in Durham, NC.
- Ideated and proposed computer vision solution to automate parking for self-driving vehicles within retail spaces.

## Projects

### Tastify

SPOTIFY TASTE COMPARISON WEB APP | [GITHUB.COM/DAVHAO/TASTIFY](https://github.com/davhao/tastify)

July 2020 - August 2020

- Full-stack web application.
- Retrieves and displays user's favorite music from the Spotify API.
- Generates personalized, shareable link to compare music tastes between other users.
- **MongoDB, Express.js, React.js, Node.js, OAuth 2.0, Heroku**

### StatBot

DISCORD CHATBOT | [GITHUB.COM/DAVHAO/STATBOT](https://github.com/davhao/statbot)

July 2020

- Utilized the Discord.js Node Module to create a chatbot.
- Retrieves and displays player statistics from the Riot Games API.
- **Node.js, Heroku**

## Clubs & Honors

- 2020 **Photography Chair**, Chinese Undergraduate Student Association
- 2019 **Powerlifter**, Carolina Barbell
- 2019 **Best Beginner Hack**, HackNC
- 2019 **Wolfram Award**, HackNC
- 2018 **Alumnus – Mathematics**, North Carolina Governor's School West