

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

Chapel Hill, NC

2019 **Powerlifter**, Carolina Barbell

Chapel Hill, NC

2019 **Best Beginner Hack**, HackNC

Chapel Hill, NC

2019 **Wolfram Award**, HackNC

Chapel Hill, NC

2018 **Alumnus – Mathematics**, North Carolina Governor's School West

Winston-Salem, NC