David Hao

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Education

University of North Carolina *Chapel Hill, NC*

BACHELOR OF SCIENCE, COMPUTER SCIENCE; MINOR, MATHEMATICS; MINOR, ENTREPRENEURSHIP *May 2023*

- GPA 3.7
- Dean's List

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 *RTP, NC*

INTERN *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

Chapel Zill

PERSONAL PROPTECH VENTURE *August 2020 - Present*

- Full-stack web application streamlining off-campus housing.
- **MongoDB, Express.js, React.js, Node.js, TBD**

Tastify

SPOTIFY TASTE COMPARISON WEB APP | 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 *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