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

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	*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*