

# David Hao

☎ 919-348-7755 | ✉ [djhao@live.unc.edu](mailto:djhao@live.unc.edu) | 🔗 [davidhao.io](https://davidhao.io) | 📷 [davhao](#) | 🌐 [dhao](#)

## 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 · AWS EB, EC2, S3

**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 heatmap 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

### Roomadillo.com

OFF-CAMPUS HOUSING MARKETPLACE | [GITHUB.COM/DAVHAO/CHAPEL-ZILL](https://github.com/davhao/chapel-zill)

August 2020 - Present

- Full stack web application built to replace legacy off-campus housing websites.
- Implemented fully custom map with Google Maps API.
- Enabled virtual reality tour creation through React 360.
- Acquired 1,000+ users and featured in local news.
- **MongoDB, Express.js, React.js, Node.js, React 360, Socket.io, AWS**

### Tastify.io

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**

## 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