



Lucas Zhang  
—— 张光华 ——

## SKILLS

### Programming Languages

- Java
- JavaScript & Typescript
- Python
- C
- HTML & CSS
- Dart

### Frameworks

- Angular & Angular-Material
- ReactJS & React-Redux
- Flutter
- Flask

### Tools

- Git
- JUnit
- Eclipse
- IntelliJ
- Visual Studio Code
- Adobe Creative Suite

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<https://github.com/lucashzhang>

## PROFILE

A creative and analytical Computer Science student eager to apply and expand subject knowledge in order to gain work competencies through practical training in software development.

## EDUCATION

### UNC Chapel Hill, Chapel Hill NC

— *Computer Science BS— Statistics and Studio Art Double Minor (Expected 2023)*

AUGUST 2019 - PRESENT

Relevant Coursework: COMP 401 Foundations of Programming (**Java**), COMP 410 Data Structures (**Java**), COMP 211 System Fundamentals (**C**), COMP 126 Web Design for Everyone (**HTML, CSS**), COMP 311 Computer Organization, COMP 426 Modern Web Programming (**HTML, CSS, JavaScript, ReactJS**)

GPA: 3.829/4.0

### Panther Creek High School, Cary NC

— *High School Diploma (Graduated with Honors: Summa Cum Laude)*

AUGUST 2014 - JULY 2019

GPA: weighted 4.59/5.0, unweighted 4.0/4.0, Top 3% of Class

## WORK EXPERIENCE

### UNC Department of Computer Science—*Learning Assistant*

AUGUST 2020 - PRESENT

As a Learning Assistant for *COMP 126 Web Development for Everyone*, I help the professor teach web development skills such as HTML, CSS and JavaScript as well as web design basics. In addition to leading a cohort of about 20 students, I also assist in grading while hold my own office hours for the class.

## PERSONAL PROJECTS

### lucaszhang.net—*Personal Portfolio Website*

This website was one of my first ventures into creating a **ReactJS** web application while using **TypeScript**. Serving as a showcase of everything I've done, the website uses the **Github API** to always be up-to-date with my latest programming projects. ([Github](#) and [Site](#))

### Duke Radiology Project—*Data Visualization Web Application*

This is an ongoing full stack project. The back-end uses **Python** to process the medical data, and **Flask** to create a REST API. The front-end UI uses **Angular** and **Typescript** to display the data as graphs. ([Github](#) and [Site](#))

## EXTRACURRICULARS

### Carolina Analytics & Data Science—*Design Chair*

SEPTEMBER 2019 - PRESENT

Serve on the executive board to design graphics and branding for CADS meetings and events using the **Adobe Creative Suite**; help to organize the Carolina Data Challenge, and work with other students and faculty on data science projects.

### Computer Science for Social Good (CSSG)—*Tech Team Member*

AUGUST 2017 - PRESENT

As a member of the UNC chapter of CSSG's tech team, I help program applications for non-profit groups in the triangle. I am currently working on the front-end as part of a team that is starting a new project web application for Carolina for the Kids. This new project is meant as a route assignment system for volunteers that uses **ReactJS** and Firebase.