



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.