

Tyler Houston Sprouse

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website/portfolio: <https://houstonsprouse919.github.io/Portfolio/>

UNC Charlotte bachelor's in computer science

EDUCATION

UNC Charlotte- 9201 University City Blvd, Charlotte, NC 28223

Sep. 2020- August 2022

Bachelor of Science in Computer Science

Charlotte, NC

- 3.46 GPA

Gaston college- 201 US-321, Dallas, NC 28034

Aug. 2018- July 2020

Associates in Computer Science

Dallas, NC

- Water research
- Participation in many college events such as science fairs and a research project
- 3.0 GPA

SKILLS

- **Skills:** Photoshop, power point, excel, research background, computer proficiency, html, CSS, JavaScript, various rapid prototyping and mockup software, adobe xd

WORK EXPERIENCE

Gaston College

Aug. 2019 – May 2020

Paid Water researcher

Dallas, NC

- Acquiring water samples and doing on site test on various sites of the Catawba river basin to monitor the Ph, temperature, and various other factors in water health such as total dissolved solids present.
- Creating various types of scientific materials using precise measurements such as agars, electrophoresis gels, and plates to be used in various experiments.
- Conducting various test to find antibacterial resistance and chemical properties present in water samples.
- Extracting DNA strands present in samples to identify if they could be harmful for the environment and human consumption.
- Recording data for everything that we did and collected in order to keep the research as informative as possible.
- Organizing data into presentations and papers to share at conferences to show our findings to others in the scientific community.

Projects

Mixer fixer

Jan. 2020 – May 2022

Front end designer / developer

- Designed layouts and visuals of whole website using adobe xd and various rapid prototyping principals
- Organization of scrim team
- Implementation of a cocktail API to let users search and filter through a database of different cocktails in an easy-to-use way.
- Lots of website layouts in raw code and in applications like adobe xd