SELINA ZHANG

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Education

The University of North Carolina - Chapel Hill   **May 2020**
Major: Computer Science, Minor: Chemistry
GPA: 3.60

Related Course Work: Data Structures and Algorithms, Calculus I, Calculus II, Introduction to Programming, Foundations of Programming, Graphic Design

Work Experience

UNC School of Media and Journalism, Chapel Hill, NC   **August 2018 – Present**
Visual Communications Manager
- Create graphic, photo, and video content for the UNC School of Media and Journalism. Includes managing the school website as well as updating content in a time sensitive manner.

Lineberger Cancer Center, Chapel Hill, NC   **August 2018 –Present**
Undergraduate Researcher
- Sequenced and characterized organoids using R and the UNIX operating system.
- Stained and imaged organoids

Cincinnati Children's, Cincinnati, OH   **May 2018 - August 2018**
Summer Undergraduate Research Fellow (SURF)
- Performed drug study on EBV infected cell lines
- Organized and analyzed data in the Genomic Wide Association Studies catalog
- Observed Chromatin Immunoprecipitation with Parallel DNA sequencing (CHIP-Seq) and Regulatory Element Locus Intersection (RELI) analysis

Honors and Awards

Buckley's Public Service Scholar	**Spring 2017 - Present**
Dean's List (3.5 GPA or higher)	**Fall 2016, Fall 2017, Spring 2018**
Atlantic Coast Conference (ACC) Scholar	**2016, 2017**
East Atlantic Gymnastics Conference All American	**2016, 2017**

Activities

Shark-a-thon (Hackathon), Cincinnati Children's, Silver Medalist   **Summer 2018**
- Coded in Python in coordination with the Amazon Spot and Amazon Sandbox to create a skill regarding drug interactions
- Created a business model and marketed it to a panel of judges

Undergraduate Research Capstone Symposium, Cincinnati Children's   **August 2018**
- Presented Research "Modulation of EBNA2 Expression: A Drug Screening Approach"
- Honorable Mention

Skills

Photography	●●●●●	Lightroom	●●●●○	Lab Work	●●●○○	HTML	●●●○○
Java	●●●●○	Mandarin	●●●●○	Web-Design	●●●○○	German	●●○○○
Photoshop	●●●●○	Research	●●●●○	Illustrator	●●●○○	R	●●○○○