

SELINA ZHANG

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Education

The University of North Carolina - Chapel Hill

May 2020

Major: Computer Science & Biology – Minor: Chemistry
GPA: 3.60

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

Objective: Seeking a computer science related internship position for Summer 2019 and part time job during the year. Aiming to learn more about other languages, the industry, and related technologies to make better use of college, post-college, and external studies.

Work Experience

UNC School of Media and Journalism, Chapel Hill, NC

August 2018 – Present

Visual Communications Manager

- Created 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.
- Content curation and digital visualization projects requiring administrative approval
- Balance multiple projects simultaneously

Lineberger Cancer Center, Chapel Hill, NC

August 2018 – Present

Undergraduate Researcher

- Stained and imaged organoids for sequencing and characterization using R statistical programming and the UNIX operating system.

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

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 & Projects

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, Honorable Mention

August 2018

- Presented my research on "Modulation of EBNA2 Expression: A Drug Screening Approach"

Personal Website

- Coded a personal website containing my graphic design portfolio using CSS and HTML in Visual Studio Code Editor

Skills

Java



HTML



Web-Design



R



Lightroom



Photoshop



Illustrator



InDesign



Research



Lab Work



Mandarin



German

