

## EDUCATION

---

**University of North Carolina at Chapel Hill** – Chapel Hill, NC

August 2020 – May 2024

*BS of Computer Science; Minor in Entrepreneurship*

- GPA 3.65/4.00
- Holden Thorp Innovation Scholar (full merit-based scholarship)
- SECU Scholar and recipient of four-year London Educational Foundation Scholarship
- Involved member of Honors Carolina, CS + Social Good, and the UNC App Lab

## EXPERIENCE

---

**University of North Carolina at Chapel Hill Research Lab** – Chapel Hill, NC

March 2020 - Present

*Research Assistant*

- Engineered a codebase to efficiently run performance analytics on historical stock data and stock futures
- Oversaw technical development while working alongside business and legal representatives to create a functional codebase

**Mountain Discovery Charter School** – Bryson City, NC

May 2018 - Present

*IT Administrator*

- Coordinated the implementation of cloud-based services within school operations to decrease operating costs
- Organized an effort with NC based non-profit MCNC where the school acquired new IT infrastructure aimed at increasing internet access and speed across campus
- Designed a new firewall and filtering service to streamline user internet access
- Communicated with faculty daily to address technological and troubleshooting needs

**Freelance Web Design** – Western NC

January 2017 - August 2020

*Website Designer*

- Developed websites for local companies and individuals to strengthen their online presence
- Incorporated inventory management and ecommerce services for online sales
- Worked often with languages including HTML, CSS, MySQL, Php, JavaScript and with ecommerce platforms including Miva, Shopify, and Squarespace.

## LEADERSHIP AND COMMUNITY INVOLVEMENT

---

**North Carolina Virtual Public School** – Raleigh NC

January 2017 - August 2019

*Lead Peer Tutor*

- Organized the efforts of approximately 120 tutors tasked with tutoring multiple thousands of students
- Conceptualized a statewide support network to help those affected by bullying
- Supervised the reorganization of the program where sub-teams were implemented to increase tutor's access to resources and communication avenues
- Tutored peers across the state in subjects including Math, Science, and English for over 900 hours

## ADDITIONAL INFORMATION

- 
- Fluent in programming languages Java, Python, HTML, CSS, Php, and capable of coding in JavaScript and MySQL
  - Recently backpacked South America and Europe where problem solving skills and quick adaptation were crucial
  - Intermediate level Spanish
  - Source code for current and past projects can be found at <https://github.com/BassettUNC>