

Ganning Xu

EXPERIENCE

Verste, Founder (Jan 2022 - Present)

- Founder of [Verste](#), a non-profit organization that simplifies research papers to make technical education more accessible.

The Coding Foundation, Remote — *Director of Web Development (Dec 2021 - Present)*

- Currently leading a global team of 13 interns to develop and maintain a website for The Coding Foundation using React.js, Next.js, and ChakraUI.
- Created a six-week curriculum covering JavaScript concepts taught to 200+ students.

Bit Project, Remote — *Student Developer (Jul 2021 - Present)*

- Created [CounselorBot](#), an open-source GitHub bot designed to guide students through any GitHub curriculum.
- Hosted [Serverless Conference: Student Edition](#), a tech conference dedicated to students interested in Serverless.
- Designed and built the Bit Project [website](#) using React.js and Next.js.

UNC-Chapel Hill, Remote — *Internship (Jul 2021 - Sep 2021)*

- Used Python, the Twitter API, NLP, and machine learning to analyze the relationship between the sentiment of tweets about addiction and getting help from addiction.
- **Results:** The public generally has a more positive sentiment when communicating their opinions about opioid treatment, but a negative sentiment when talking about opioid addiction or using opioids for pain.

EDUCATION

North Carolina School of Science and Math — *High School Junior*

SAT: 1560 GPA: 5.00

Coursework: Research in Computational Science, Data Structures with C, AP Computer Science Principles, Python Programming, Foundations of Data Science

Clubs: Student Government, Machine Learning Club, Computer Science Team, CyberUnicorns, Valence Robotics, Rocketry, Varsity Swim

Volunteering: 200+ hours total with Town of Cary, Miracle League, and the AHA.

PROJECTS

Focale - Chrome Extension

Created a Chrome Extension to help students focus and study on homework without being distracted. Currently, 509 people across 39 countries use [Focale](#).

SLTranslate

Developed a mobile app that allows users to translate from sign language to English using an app. SLTranslate does this by using a kNN machine learning model trained on over 80,000 images.

T: (919) 527 - 9302

E: xu23g@ncssm.edu

[LinkedIn](#)

[Personal Website](#)

Morrisville, NC

SKILLS

Python, JavaScript, NodeJS, Java, C, Azure, React.js, Next.js, SCSS, CSS, jQuery, Bootstrap, Redux

LEADERSHIP

Founder: NCSSM

CyberUnicorns

Cofounder: Panther Creek

Aviation Club

Programming Lead: Valence

Robotics (FRC Team 8429)

Student Leader: #IAmCS

AWARDS

Scholarship - Bit Project

Scholarship Semifinalist -

National Cyber Scholarship

State Winners - Samsung Solve

For Tomorrow

1st Place: 2021 Congressional

App Challenge

1st Place: Create an App at

Wake County STEM Fair

2nd Place: 2020 RTP High

School Hackathon

9th Place: Hack the Cloud 2.0

Coach's Award: Varsity Swim

School Record: Varsity Swim

RESEARCH

Sentiment Analysis on Opioid

Use Addiction ([Poster](#))

Effects of Ethanol on *D.*

melanogaster ([Poster](#))

Public's Opinion on DNA

Fingerprinting ([Website](#))

LANGUAGES

English - Bilingual proficiency

Chinese - Bilingual proficiency