

Chelsea Yangnouvong

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EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA
Bachelor of Science in Computer Science (Highest Honors)
Threads: Information Internetworks and Media

AUGUST 2019 – MAY 2023
GPA: 3.79/4.0

WORK EXPERIENCE

GOLDMAN SACHS, NEW YORK, NY
Investment Banking Software Engineering Intern

JUNE 2022 – AUGUST 2022

- Designed a M365 web add-in that features a banker look up and upload UI
- Created a dynamic parsing algorithm that can extract banker data from files
- Displayed the extracted data in a structured format
- Worked on selectively inserting the data onto a PowerPoint slide using the Office APIs

GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA
CS 1331 (Introduction to Object Oriented Programming) Teaching Assistant

MAY 2021 – MAY 2022

- HW Lead (Spring 2022): oversaw the creation of homeworks by delegating tasks, setting timelines, and holding review meetings
- Taught 30-50 students weekly in recitation
- Prepared weekly materials for recitation and office hours

GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA
Student Researcher

JANUARY 2021 – AUGUST 2021

- Analyzed real-time earthquake energy ruptures and durations
- Produced interactive maps to visualize data
- Worked on parsing functions that extract data from the geophysics server

GEORGIA GWINNETT COLLEGE, LAWRENCEVILLE, GA
Student Researcher

AUGUST 2018 – MAY 2019

- Analyzed structures using visual molecular dynamics to determine structural stability
- Created protein-membrane systems to model the molecular mechanisms of cyclotide interactions

SKILLS

- **Programming:** Java, Python, JavaScript, MySQL
- **Relevant Course Work:** Computer Systems and Networks, Computer Organization and Programming, Data Structures and Algorithms, Computer Audio, Database Systems, Design and Analysis of Algorithms, Computer Graphics

PROJECTS

BUILDING FOR SUSTAINABILITY AND EQUITY
Equity in Capstone

AUGUST 2020 – DECEMBER 2021

- Worked to develop a system for incorporating and evaluating equity and sustainability in Georgia Tech's capstone and senior design program
- Shadowed project groups to better understand the current capstone curriculum
- Researched and interviewed students and faculty about their thoughts on campus inclusion and diversity

TASTE OF GWINNETT
Director of Public Relations and Volunteer Head

AUGUST 2017 – MAY 2019

- Started a 501c3 organization and planned a county wide annual event
- Raised over \$10000 for cancer research