

# Student Name

phone number email alias @gatech.edu | https://www.linkedin.com/in/

## EDUCATION

**GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA**

*Bachelor of Science Computer Science (B.S./M.S.)*

Threads: Information Internetworks and Media

**AUGUST 2019 – PRESENT**

Expected Graduation: December 2022

GPA: 3.92/4.0

*Master of Science in Computer Science (B.S./M.S.)*

Specialization: Computing Systems

Expected Start Date: January 2023

Expected Graduation: December 2023

## EXPERIENCE

**GEORGIA INSTITUTE OF TECHNOLOGY, ATLANTA, GA**

*CS 1331 (Introduction to Object Oriented Programming) Teaching Assistant*

**MAY 2021 – PRESENT**

- HW Lead (Spring 2022): oversee the creation of homeworks
- Teach students weekly in recitation
- Prepare 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
- Coded parsing functions that extract data from the geophysics server

**GEORGIA GWINNETT COLLEGE, LAWRENCEVILLE, GA**

*Student Researcher*

**AUGUST 2018 – MAY 2019**

- Researched cyclotides, a novel group of macrocyclic antimicrobial peptides
- Mutated the kalata B1 cyclotide to build 6 unique sequences using UCSF Chimera
- Analyzed structures using visual molecular dynamics to determine structural stability
- Created protein-membrane systems on CHARMM-GUI to model the molecular mechanisms of cyclotide interactions between membrane and lipid molecules

## SKILLS

- **Programming:** Java, Python, MySQL, p5.js, C, HTML, CSS
- **Software:** UCSF Chimera, Visual Molecular Dynamics, CHARMM-GUI
- **Relevant Course Work (\*currently enrolled):** 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**

**AUGUST 2020 – DECEMBER 2021**

*Equity in Capstone*

- 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**

**AUGUST 2017 – MAY 2019**

*Director of Public Relation*

- Started a 501c3 organization and planned a county wide annual event
- Raised over \$10000 for cancer research
- Scheduled and conducted business meetings with politicians, business owners, and managers