

SERENA GAO

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EDUCATION

Georgia Institute of Technology

Bachelor of Science in Computer Science

Threads: People and Information Internetworks

Faculty Honors 2019-2020

Atlanta, GA

August 2019 - Present

Expected Graduation: May 2023

Cumulative GPA: 3.81/4.0

SKILLS

Programming: Java, Python, HTML, CSS, JavaScript, React, JavaFX

Languages: English (native), Chinese (conversational), Spanish (basic)

Relevant Completed Coursework: Data Structures and Algorithms, Objects and Design, Applied Combinatorics

Relevant Current Coursework: Computer Organization and Programming, taught in C/C++

PROJECTS

Bits of Good

August 2019 - present

Junior Developer

- Uses web tools to develop projects for non-profit organizations
- Currently on the Georgia Tech Scheduler team: goal is to streamline the registration process
- Previously on the Donation Marketplace Solution team: universal solution for hosting and managing donations for non-profit organizations, used Stripe and Material UI

Personal Website

September 2020 - present

- Coded personal website from scratch using HTML, CSS, JavaScript; hosted on GitHub Pages

Farming Simulation Game

May 2020 - July 2020

- Worked with three other students to create a fully functional farming game with a farm, inventory, market, and randomized adverse events
- Primary developer in charge of visual design and implementation using Java/JavaFX

HackGT 6, Atlanta, GA

October 2019

Participant

- Main developer and designer of an Alexa skill using AWS during the 36-hour hackathon
- Used an API to summarize and read articles, allowing for varying length and detail

WORK EXPERIENCE

Definition6, Atlanta, GA

June 2019 - July 2019

Intern

- Prepared competitive analysis on Novelis and AKSteel's web presences
- Worked on Amazon Alexa skill for Ashton Woods model home tours and gave presentation to managers

EXTRACURRICULARS

Georgia Tech Orchestra

August 2019 - May 2020

- Served as principal second violinist in the fall and concertmaster in the spring

HONORS

The President's Volunteer Service Award

3-time recipient