SERENA GAO

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EDUCATION

Georgia Institute of Technology   **Atlanta, GA**

Bachelor of Science in Computer Science   August 2019 - Present

Threads: People and Information Internetworks   Expected Graduation: May 2023

Faculty Honors 2019-2020   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 (taught in Java), Objects and Design, Applied Combinatorics

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

PROJECTS

Farming Simulation Game   **May 2019 – July 2019**

- 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

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, which aims to alleviate the student body's frustrations towards the class registration process
- Previously on the Donation Marketplace Solution team, which aimed to produce a universal solution for hosting and managing monetary donations and purchases of items for organizations affiliated with BOG; used Stripe and Material UI

WORK EXPERIENCE

Definition6, Atlanta, GA   **June 2019 - July 2019**

Account Services Intern

- Prepared competitive analysis on Novelis and AKSteel's web presences
- Interacted with clients and toured workspaces
- 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