Crystal Li

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Objective
- Looking for an entry level software development job or internship for the summer

Education
Georgia Institute of Technology, Atlanta, GA   2017- May 2021
- Candidate for Bachelors of Science in Computer Science

Leadership roles
- Freshman Leadership Initiative - Freshman Leadership Organization within the Student Foundation
- Student Center Programs Council – Student led programming and leadership development community
- Engineers without borders-Jamaica – Working to help Jamaica villages with their water distribution

Skills
Languages: Proficient in Java, Python, JavaScript, Html, CSS
Operating Systems: Windows, OSX
Relevant Courses: CS 1301, Linear Algebra 1554
Foreign Language: Fluent in Chinese, Conversational in Spanish

C. Leon King High School   2013-2017
- International Baccalaureate program, IB diploma, GPA 6.7, Rank 74/13033
- National AP scholar, GodBold Family Foundation Scholarship
- 1st and 3rd State Gemini out of 34, 4th Calculus team out of 34, 7th state math relay out of 37, 2nd and 18th state History-Prime numbers and Unsolved problems out of 81, 2nd 4th and 5th pre-Calculus team out of 34
- President of GNB coding, Treasurer of Counting Threads, Treasurer and competition coordinator for Math Team

Experience
Mathnasium, Tampa, FL   Spring 2017
Tutor
- Worked at a tutoring center where I would help tutor kids of various ages who were struggling with math
- Taught topics ranging from addition to Calculus

Girls Who Code, Atlanta, GA   Summer 2017
Teaching assistant
- Taught a classroom of 18 girls over the course of 8 weeks at Accenture
- Explained concepts of CS ranging like variables, sorting algorithms, classes, Django, web design, and Arduino Robotics
- At the end the girls were able to create things like a closet that suggest clothes based on the weather, a game like doodle jump that involved gems, and a tuner that would transcribe the notes onto a score sheet

Projects
Simple CV
- Worked with python and the OpenCV library to make a program that would track the location of your pupil and the movement of it
- Application would be used to help quadriplegics so they could move their wheelchair using only the movement of their eye
- Learned how to work in a team and delegate work given a tight deadline

Near Field Communication Device
- Worked with Professor Liu at the University of South Florida over the course of 8 weeks to create a near field communication circuit
- Device could transmit power between two unconnected wires so that a LED could light up
- Learned how to read journals and find information online using various mediums

Personal Website
- Created a personal website that includes information about myself and some of my projects
- Used JavaScript, html, CSS and github
- **https://crystal-shouqi-li.github.io/aboutMe/**