

Cynthia L Wang

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Objective

Passionate first-year Computer Engineering major with experience in coding competitions and projects, research, and leadership. Strong communication skills from leadership experiences, as well as authoring abstracts and presenting posters at conferences. Seeking a Software Engineering internship during Summer 2021.

Education

Georgia Institute of Technology Atlanta, GA	<i>Aug 2020 – Present</i>
Bachelor of Science in Computer Engineering	Expected Graduation, May 2024
Wilmington University Wilmington, DE	<i>Sept. 2018 – May 2020</i>
Dual Enrollment with High School, GPA: 4.00/4.00	

Skills

Programming: JavaScript, HTML, CSS, Python, Java, C++, MATLAB
Software: Origin (graphing/data analysis), Microsoft Office Suite, Bentley MicroStation Powerdraft
Languages: English (fluent), Mandarin Chinese (fluent speaking), Spanish (intermediate)

Experience

University of Delaware Newark, DE	<i>June – Aug, 2017-2019</i>
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Research Intern / Summer High School Engineering Internship

- Conducted guided research on potential treatments for osteoarthritis by investigating the effects of antioxidants on cartilage under inflammatory attack.
- Found significant differences between spatiotemporal parameters of signaling intensities in control and treated groups by using MATLAB to analyze calcium signaling data.
- Authored abstracts for Orthopaedic Research Society meetings, presented poster at 2020 meeting in Phoenix.

Activities and Accomplishments

Medical Robotics Club Georgia Institute of Technology	<i>Aug 2020 – Present</i>
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Systematic Project Organization Team (SPOT) Member

- Developing standardized documentation system for the club's projects on robotic solutions for disabilities, such as exoskeletons and prosthetics.

Computer Science Summer Institute | Google, Inc.

July 2020

Program Participant

- Completed an introductory project-based JavaScript processing curriculum taught by Google engineers in a 4-week intensive computer science summer program for high-achieving students.
- Attended product design, resume development, and interview workshops.
- Configured 10 individual coding projects, delivered a collaborative final project involving an interactive weather visualizer Chrome extension that uses geolocation and weather APIs.

American Computer Science League | MOT Charter HS

Sept 2018 – April 2020

Club Participant

- Used Python and self-taught CS concepts (Boolean algebra, data structures, recursive functions, digital electronics, bit-string flipping, etc.) to participate in short answer and coding competitions.
- Earned a perfect score on the second and fourth contests, overall first place in the Delaware Intermediate 5 Division.

Technology Student Association | MOT Charter HS

Sept 2016 – April 2020

Vice President of Operations, Treasurer

- Reduced club fees from \$150 to \$85 by managing budget to reduce cost of materials by 40% and working with school administration.
- Managed bi-weekly chapter meetings and registration for events.
- Created a responsive website from scratch with HTML, CSS, and JavaScript, winning 2nd place in the state Webmaster event.