

# Yunsong Liu

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Passionate second-year Computer Science major at Georgia Institute of Technology with experience in leading front-end project as an intern and building projects both as an individual and in a team. Aspiring to apply my knowledge gained in coursework and programming skills to real-world challenges.

## EDUCATION

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Georgia Institute of Technology; Atlanta, Georgia	Expected May 2024
<ul style="list-style-type: none"><li>• Candidate for Bachelor of Science in Computer Science</li><li>• Thread in Intelligence &amp; Information Internetworks</li><li>• GPA: 4.0/4.0</li></ul>	

## SKILLS

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Proficient in:	Java, Python, JavaScript(Angular framework), HTML, CSS, SQL, Git
Familiar with:	C, Data structures, Algorithms, SQLite, Node.js

## WORK EXPERIENCE

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<b>Software Engineer Intern</b> at HUILAN Healthcare and Technology	May 2021 – August 2021
<ul style="list-style-type: none"><li>• Developed AngularJS based dashboard for glucose tracker device management used in over 50 hospitals</li><li>• Improved efficiency of conducting nursing diagnosis by 30% through visualizing glucose level data with AntV's G2</li><li>• Implemented new features such as nursing chatbot after conducting user interviews with product team</li><li>• Engaged with clients and hardware suppliers directly through hospital visits</li></ul>	
<b>Assistant Software Product Manager</b> at Shenzhen Chino-E Communication	November 2020 – December 2020
<ul style="list-style-type: none"><li>• Worked closely with a ROM development team to fit Android to a new phone marketed in over 20 countries</li><li>• Designed logistics and held daily briefings to SDEs to communicate client's needs and field testers' feedback, improving team efficiency by 40%</li></ul>	

## PROJECTS

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Poster Generation with GAN	September 2021 – present
<ul style="list-style-type: none"><li>• Applied transfer learning on pretrained BigGAN model with poster dataset to generate novel poster designs</li><li>• Found the best performing model by examining alternative GAN implementations in detail</li></ul>	
Sales Forecasting Project	October 2021
<ul style="list-style-type: none"><li>• Implemented random forest model on sales dataset to locate factors that has strongest impact on daily sales</li><li>• Maximized accuracy of model by tuning hyperparameters with RSME results</li></ul>	
School Communication Platform	April 2020 – June 2020
<ul style="list-style-type: none"><li>• Built a virtual school map in HTML that facilitated communication between faculties and students</li><li>• Interviewed users on their remote learning experience and designed features like Virtual OH to resolve user needs</li></ul>	

## ACTIVITIES

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Vistamar Robotics; Vistamar School	August 2017 – June 2020
<ul style="list-style-type: none"><li>• Managed a team of 8 student robotics engineers to compete in First Tech Challenge, making into regional final</li><li>• Programmed the robot's control system in Java and won 2019-20 season's regional Control Award</li><li>• Developed image recognition algorithms using TensorFlow that differentiated objects with 95% accuracy</li></ul>	

## Leadership

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GT Chinese Students and Scholars Association IT Lead	August 2021 – present
<ul style="list-style-type: none"><li>• Led the design and development of bootstrap and JS based student dating web application for organization event</li><li>• Improved the organization's website to include more useful information about Georgia Tech campus</li></ul>	