# CHRISTOPHER LO

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Personal Website: <https://ceelo777.github.io>

**OBJECTIVE**

To seek a summer internship in the fields of artificial intelligence and/or web development.

**EDUCATION**

**Georgia Institute of Technology | Atlanta, GA**

*Bachelor of Science in Computer Science* Expected Graduation, December 2021

Cumulative GPA: 3.5/4.0

Relevant Coursework:

* Intro to Computing
* Intro to Object-Oriented Programming
* Data Structures and Algorithms
* Introduction to Database Systems
* Computer Organization and Programming
* Introduction to Discrete Mathematics for Computer Science
* Objects and Design
* Computing, Society and Professionalism
* Project Design and Tech Communication Strategies

**EXPERIENCE**

**HackGT Inc. Tech Team Developer | Atlanta, GA** *December 2019 – Present*

* Developed component library for HackGT website backend with JavaScript and React
* Created teaser-site with HTML/CSS (flexbox, styling, assets) for Health Tech hackathon in Atlanta for students to compete in for prizes from sponsors and HackGT
* Implemented check-in system for HackGT 7 where participants could join available BlueJeans-hosted workshop calls and earn points for attendance – built using JavaScript REST APIs and GraphQL to fetch data

**Georgia Tech Robotic Musicianship Lab Researcher | Atlanta, GA** *August 2020 – Present*

* Implemented a recurrent neural network (RNN) called long short-term memory (LSTM) to generate new classical music compositions using MIDI files as input

**RoboJackets** **IGVC-Software Developer| Atlanta, GA** *December 2019 – May 2020*

* Implemented D\* Lite algorithm on top of ROS move\_base\_flex for robot navigation over unknown terrain in C++

**Google CSSI-Coursera Program Intern | San Diego, CA** *June 2018 – June 2019*

* Learned greedy algorithms, divide-and-conquer, and dynamic programming techniques from UC San Diego professors.
* Implemented Java solutions for fractional knapsack with repetitions, random pivot quick-sort, and edit distance.

**ASSETS**

**Programming:** Java, Python, C/C++, JavaScript, HTML5, CSS3, React

**Environments:** Emacs, Visual Studio Code, IntelliJ, Eclipse

**Languages:** English (native), Spanish (beginner)

**Platforms:** Linux

**AWARDS**

**Hacklytics Best Visualization** *June 2018 – June 2019*

* Developed a website using Python Flask as front-end to display unemployment throughout the globe
* Created an interactive visualization of unemployment levels using Plotly where users could rotate the world and identify levels of unemployment in their respective countries.
* Extracted statistical meaning out of data using libraries including Numpy, Seaborn, and Pandas

**ORGANIZATIONS**

**Grey Hat Hacking (*Cybersecurity Organization)***

* Reverse-engineered CS:GO to create hacks including Bunny Hops and auto-aim with Cheat Engine and C
* Practiced CTFs questions from websites including PicoCTF, OverTheWire, and CSAW

**The Agency (*Machine Learning Organization)***

* Applying machine learning techniques with Python while attending talks on artificial intelligence, machine learning, and deep learning.