

CHRISTOPHER LO

516-209-8749 | lochristopher9@gmail.com

LinkedIn: <https://www.linkedin.com/in/christopher-hugh-lo>

GitHub: <https://github.com/ceelo777>

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 CSCI-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.