

# LONG H. LAM

llam36@gatech.edu | 470 815 7815 | [www.linkedin.com/in/long-lam/](https://www.linkedin.com/in/long-lam/) | <https://github.com/llam36>

## EDUCATION

**Georgia Institute of Technology** • College of Computing  
Bachelor of Science Computer Science  
GPA: 4.0/4.0

**Atlanta, GA**  
Expected 05/2025

**Le Hong Phong High School for the Gifted (LHP)**  
High School Diploma

**Ho Chi Minh City, Vietnam**  
August 2018 – May 2021

## AWARDS

|                                                                                                 |      |
|-------------------------------------------------------------------------------------------------|------|
| <b>Faculty Honors Fall 2021 – Georgia Institute of Technology</b>                               | 2021 |
| <b>Caribou Math May 2020 Competition – First Place</b>                                          | 2020 |
| <b>International Youth Math Challenge – Silver Honor</b>                                        | 2020 |
| <b>International Astronomy and Astrophysics Competition – Silver Honor</b>                      | 2020 |
| <b>Global Mathematics Coding Competition – Merit Prize</b>                                      | 2020 |
| <b>The April Olympic Contest – Silver Medal in Potential Energy Vehicle Engineering Project</b> | 2019 |

## PROJECTS

**BlueZone Project – HackGT 8** October 2021

- Project purpose: provide real-time information on states' vulnerability to Covid vaccine misinformation
- Took charge on processing data gathered from Twitter and standardized their location feature (key criteria for visualization on maps) using Python, NumPy, and Pandas
- Developed 4 vulnerability metrics to convert raw data into scores on the scale of 1
- Set up online interactive US maps using d3.js and loaded converted data for visualization
- Designed dashboard's homepage using HTML, JavaScript, and CSS

**Contactless, Automatic Hand-Sanitizer Dispenser Project**

January 2020 – April 2020

*A low-cost hand sanitization alternative for large public space during Covid 19*

- Assembled dispensers using recycled materials and low-cost electronic circuits
- Produced and installed 20 contactless dispensers at government institutions, restaurants, schools, and clinics
- Interviewed by two major news agencies in Vietnam, and featured on HTV (Vietnamese TV network)
- Received a City Letter of Thanks and the City Award of Merit in Electronics

## LEADERSHIP

**Data Science at GT**

**Atlanta, GA**

Leadership team

September 2021 - Present

- Presented at Bootcamp on Machine Learning models, data conceptualization, classification-regression, and data pre-processing
- Mentored team project on forecasting trend in the stock market of a given company, providing guidance on extracting relevant financial data, building Machine Learning models, and reflecting on the efficacy of using Machine Learning to forecast market

**Innovative Science Club**

**Ho Chi Minh city, Vietnam**

President

August 2018 – May 2021

- Oversaw workshops on machine learning, algorithm training, and electronic control system for students at LHP
- Managed cash flow from handmade merchandise to fund monthly DIY research projects
- Received Second Prize in City Best Youth Science Clubs and nomination for 2019-2020 Most Accomplished LHP Club

## EXPERIENCE

**Tin Viet Telecommunications JSC**

**Ho Chi Minh city, Vietnam**

Engineer Assistant

July 2018 – June 2019

- Assisted production team with designing and assembling the electrical circuit and equipment covers for telecom products used in Southwestern Vietnam base stations
- Assisted the company engineers with fixing product assembling errors

## SKILLS

**Language:** Vietnamese (Native), English (Fluent)

**Programming:** C++ (Proficient), Python (Proficient), HTML (familiar), CSS (familiar), JavaScript (familiar), Java (Proficient)

**Operation system:** Windows

**Relevant experience:** Data structure, Algorithms, Object Oriented Programming