





# Huy Vuong


B.S. Computer Science

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 HuyNVuong

## Education

**B.S., Computer Science** (GPA: 3.5)  
**Minor: Mathematics**

University of Nebraska-Lincoln  
2017 - 2021 | Nebraska, America

**Current Relevant Courses:**

**CSCE 322:** Program language Concepts

**CSCE 361:** Software Engineering

**CSCE 351:** Operating System Kernel

**MATH 314:** Linear Algebra

## Programming

0 LOC —————> 5000 LOC

C • Python • Java



C++ GNU 11



LaTeX



HTML • JavaScript • CSS



Assembly • VHDL



## Summary

I am a motivated Computer Science students who is actively looking for internship in Software Development and Software related fields.

## Experience

Aug 2018 - Present **Undergraduate Teaching Assistant**

- Taught Computer Science I.
- Currently teaching Computer Science II and III:
  - Computer Science II : Helping students understand the concept of Object Oriented Programming as well as program variation of methods such as Inheritance, Encapsulation, Abstractions...
  - Computer Science III : Introduce students to different kind data structures abd algorithms in order for students to devise an efficient and optimal program.
- Supervising labs, grading homeworks, holding office hours and on-line communication to help students with course problem.

May 2018 - Sep 2018 **Student Worker - Information Technology Service**

- Provided general university information and technical support.
- Troubleshooted university accounts and technical problems.
- Directed switchboards call around university.

## Projects

Jan 2018 - Present **City Traffic Simulator**  
Simulation of traffic management system.

**Technologies:**

- Python 3.
- OOP - Object Oriented Programming : define real world entities .
- UML - Unified Modelling Language : define and describe entity and system relations through Models and Diagrams.

Jan 2019 **Entree** [Link to Page](#)  
Simulation of UNL Surveillance System

**Technologies:**

- Python, JavaScript, CSS, HTML.
- Using method of Deep Learning to detect violence in videos.
- Connect data from back-end side and present it to the website.

Mar 2018 **Nebraska Livestock Visualization** [Link to GitHub](#)  
Dynamic map visualization of datas.

**Technologies:**

- Work with back-end data via MongoDB and fetch it to website using JavaScript,PHP and HTML.

## Involvements

Aug 2018 - Present **Hackathon**  
24 hours programming contest hosted by University of Nebraska - Lincoln

- 2018 UNL Hackathon participant.
- 2019 UNL Hackathon participant.

Aug 2018 - Present **CSE Ambassador**

- Back-end programmer in Dev team .
- Phases and website developer for Coding and Coffee.