





# 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

### Relevant Courses:

- Computer Science I, II
- Data Structures and Algorithms
- Computer Organization
- Operating System Kernel
- Programming Language Concepts
- Software Engineering
- Calculus I, II, III
- Differential Equation
- 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

Feb 2019 - Present **Dept. of Biochemistry**  
JavaScript Software Developer

- Working in teams to develop interactive Biological Models to help students learn and faculty to teach.

Aug 2018 - Present **Dept. of Computer Science and Engineering**  
Undergraduate Teaching Assistant

- Taught Computer Science I.
- Currently teaching Computer Science II and III:
- Supervising labs, grading homeworks, holding office hours and on-line communication to help students with course problem.

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

- 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 entities and system relations through Models and Diagrams.

Jan 2019 **Sentree**  
Simulation of UNL Surveillance System

[Link to Page](#)

### Technologies:

- 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**  
Dynamic map visualization of datas.

[Link to GitHub](#)

### 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 **UNL Initialize**

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