# **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

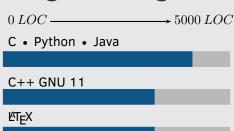
#### **Current Relevant Courses:**

CSCE 322: Program language Concepts

**CSCE 361:** Software Engineering **CSCE 351:** Operating System Kernel

MATH 314: Linear Algebra

# Programming -



Assembly • VHDL

HTML • JavaScript • CSS

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 online 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** 

Building a traffic management system that helps control the flows of traffic as well as direct one vehicle from one place to another with minimum time travels.

#### **Technologies:**

- Python 3
- OOP Object Oriented Programming
- Used UML Unified Modelling Language to generates diagrams.

Jan 2019

Entree

Link to Page

**UNL Surveillance System** 

#### **Technologies:**

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

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

Hackathon

- Present

24 hours programming contest hosted by University of Nebraska - Lincoln

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

Aug 2018

#### **CSE Ambassador**

- Present

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