

# Huy Vuong

B.S. Computer Science



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HuyNVuong



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## Education

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

**Minor: Mathematics**

University of Nebraska-Lincoln  
2017 - 2020

### Relevant Courses:

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

## Programming

C • Python • Java

C++ GNU 11

LaTeX

HTML • JavaScript • CSS

Shell Scripting • YAML • Git

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**  
Software Developer

- Created a bot for the Internalization of CellCollective website. Each keyword on the site is analyzed and translated to different languages using Google Translation API. Tasks are automated using git continuous integration
- **Technologies:** Python 3, Javascript, YAML, Shell Scripting, Git

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

- Assisted in Computer Science I
- Currently assisting in 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:

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

## 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