Huy Vuong

B.S., Computer Science

- (415) 818 7070
- cse.unl.edu/ ~hvuong/
- huynguyenvuong99@gmail.com
- /in/huynvuong/
- HuyNVuong

Education

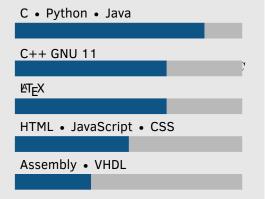**B.S., Computer Science** (GPA: 3.5)
Minor: Mathematics
University of Nebraska-Lincoln
2017 - 2021 | Nebraska, America

Current Courses:
CSCE 322: Program lan Pracmatics
CSCE 361: Software Engineering
CSCE 351: Operating System Kernel
MATH 314: Linear Algebra

Programming

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**

- Supervising labs, grading homeworks, holding office hours to help students with course problem.
- 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 : Helping students understand different data structures as well as algorithms in order for students to devise an efficient program.

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 GitHub
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 - 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.