

# Huy Vuong

B.S., Computer Science



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HuyNVuong

## Education

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

University of Nebraska-Lincoln

2017 - 2021 | Nebraska, America

Courses:

**CSCE 423:** Dsgn & Analys of Algorithms

**CSCE 361:** Software Engineering

**High School Diploma** (GPA: 3.94)

Lincoln Christian Highschool

2016 - 2017 | Nebraska, America

## Programming

C • Python • Java

C++ •  $\text{\LaTeX}$

HTML • PHP • SQL

Assembly • VHDL

## Summary

I am a motivated Computer Science students who is actively looking for internship

## Experience

Aug 2018 - Present **Undergraduate Teaching Assistant**

- Taught Computer Science I: Foundation of Computer Science and currently teaching Computer Science II: Object-Oriented Programming and Computer Science III: Data Structure and Algorithms.
- Grading, Supervising lab, hack session
- Holding office hours to help students with course related problems
- Helping students familiarize with several different programming languages, debugging as well as classifying different types of errors.
- Guiding students to design an efficient and well organized project.
- Introduce students to Algorithm Analysis and Big-O notation
- Presenting students at deriving different algorithms as well as data structures

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

- Provided general university information and technical support
- Troubleshot university accounts and technical related problems
- Directed switchboards call around university

## Involvements

Dec 2018 **Advent of Code - 2018** [Link to GitHub](#)

25 days of programming, with each day present a new challenges

- Practiced my algorithm as well as problem solving skills.
- Manipulated directly to test cases to get the correct answer.
- Learned many features of Python to help creating test cases as well as solving them faster and more convinient.

Oct 2018 **ACM ICPC Local - 2018** [Link to GitHub](#)

Local North America ACM contest

- Team up with other 2 members to write algorithms to solve different type of problems in 5 hours.

Aug 2018 - Present **CSE Ambassador**

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

## Projects

Dec 2018 - Present **Simple video game**  
Building different type of simple classic game from scratch to understand how's game are built as well as to improve my programming skills

**Game developed:**

- Snake
- Tetris

Mar 2018 **Nebraska Livestock Visualization** [Link to GitHub](#)

Hackathon hosted by UNL - 24 hours programming contest

**Achivement:**

- Created dynamic visualization of large amount of datas collected over times
- Familiarized with Front and Back end web development.
- Familiarized and used with PHP, JavaScript, HTML, CSS, MongoDB