

Vincent H. Tran

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Academics

Masters of Science in Computer Science

Expected May 2022

Illinois Institute of Technology

Courses Taken: Computer Vision, Data Mining, and Data Privacy and Security

Bachelor of Science in Computer Science (GPA 3.8/4.0)

Expected May 2022

Illinois Institute of Technology

Courses Taken: Mobile App Development, Data Structures, Algorithms, and Operating Systems

Work Experience

Data Structures Teaching Assistant

January 2019 - Present

Illinois Institute of Technology - Chicago, IL

- Helped students understand the concepts of Data Structures such as implementing different types of data structures, analyzing runtime of each data structure, and applying data structures to other projects

Computer Organization Teaching Assistant

August 2018 - December 2018

Illinois Institute of Technology - Chicago, IL

- Helped students understand the concepts of Computer Organization such as C programming, assembly programming, logic gates, and binary operations
- Helped students design their own assembly code emulator that interprets and executes assembly code

Projects

XV6 Operating System

- Implemented and analyzed OS shells, system calls, memory management systems, and process scheduling protocols
- Implemented in C

Cache Simulator

- Developed a cache simulator to analyze cache hits and misses to understand the effects of cache-friendly programming
- Developed in C

Computer Vision Image Processing App

- Developed an application that highlights horizontal edges, vertical edges, and gradient vectors of an image
- Developed in Python

Student Connections Mobile App

- Worked with a team of 5 members to design a mobile application that connects IIT's staff, faculty, and students where students can find friends that share similar interests and majors or ask for tutoring from former students, TA, and professors
- Developed in Java