

Quan Anh Le

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EDUCATION

Bachelor of Science in Computer Science

Illinois Institute of Technology

Current GPA/Major GPA/Overall GPA: 3.75/3.40/3.35

Aug 2017 – Dec 2020

Chicago, IL

SKILLS AND CERTIFICATIONS

Computer Skills

- Programming languages: Java, Python, SQL, Haskell C, R, MIPS
- Front-end development: HTML5/CSS3, Javascript, XML, JSON, Markdown
- System/Software: MySQL, Eclipse, Android Studio, Visual Studio, Vim, Emacs, Netbeans, Sourcetree

Certifications

- Johns Hopkins University Front-End Developer Certificate (HTML/CSS, JavaScript and Bootstrap library)
- Udacity's Artificial Intelligence for Trading Nano-degree (Python with PyTorch, Pandas, Matplotlib, Numpy)
- Ongoing: Udacity's Java Web Developer (Java 14, Spring Boot, SpringInitializr, REST API, Postman)

WORK EXPERIENCE

Supplemental Instructor, Peer Tutor Scholar

Aug 2019 – Present

Academic Resource Center, Illinois Institute of Technology

Chicago, IL

Supplemental instructor in General Physics II and Peer Tutor in Computer Science subjects

- Held semiweekly lecture review sessions for ~10-15 regularly attending students to enhance students' comprehensions of course materials, assignments, lab reports, and practice exams
- Coordinated with professors in lecture and guided students (~100 students in 2 sections) through concepts
- Conducted online review sessions and online tutoring via Blackboard during COVID-19 lockdown

Undergraduate Teaching Assistant

Aug 2018 – July 2020

Department of Computer Science, Illinois Institute of Technology

Chicago, IL

- Monitored office hours to answer questions, help students prepare for lab programming assignments, exams, and explain more-intense computational concepts on a one-on-one or one-on-many tutoring basis
- Developed programming concepts in code remotely via Zoom during COVID-19 lockdown

CS 331: Data Structure and Algorithm (Python)

- Instructed in weekly ~15-student-sized computer labs to implement basic and advanced data structures utilizing Python using Jupyter Notebook, and walked through steps to complete programming assignment

CS 115 & CS 116 / CS 201: Object-Oriented Programming (Java)

- Assisted instructor in class, graded ~10 coding homework weekly, and proctored in exams
- Collaborated with other TAs in a team setup to lead computer lab and instruct programming assignments using fundamental data structures, developing and analyzing algorithms, and applying OOP features

Office Assistant

Apr 2018 – Present

International Center, Illinois Institute of Technology

Chicago, IL

- Managed, created and entered, updated immigration related information of international students (~50% of student population at Illinois Institute of Technology) and faculty members into databases (Ellucian ISSM)
- Performed IT support and troubleshooting skills - hardware and software, provided support to remote VPN users using Cisco AnyConnect client, completed requests remotely during COVID-19 lockdown

PROJECTS

- Committed **Github profile** in Markdown to the Awesome-Profile-README-templates open-source repository
- **Developed Stock Trading AI in Python:** using Pandas, Numpy, Matplotlib, and quantitative trading concepts
- Implemented Android mobile applications, Java Sorting Algorithms GUI, and personal website
- Established **Java Database Connectivity (JDBC) Online Shopping Website** with usage of Java 14, IntelliJ IDEA, Spring, Spring Boot framework, SpringInitializr, SQL (DBMS), Servlets, Maven, Git, AWS
- Designed **David Chu's China Bistro Website:** using HTML5/CSS3, Javascript, and Bootstrap library
- Contributed in VandyHack 2018 and 2020 hackathons at Vanderbilt University and HackMIT 2020 at MIT