

THAI QUOC ON

UNDERGRADUATE STUDENT

CONTACT

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PROJECT LINKS

Github: [tq-o \(https://github.com/tq-o\)](https://github.com/tq-o)

(including personal projects)

AWARDS

- Dean's List of Academic Excellence from University of Massachusetts, Amherst (from Fall 2018 to current)
- Ho Chi Minh City English for the Gifted Contest (2018) – Second Prize
- Le Hong Phong High School's Science and Engineering Fair (2017) – Third Prize – Project named "System of Automatic Regulation of Rain and Sunlight Level for Domestic Plants"
- Ho Chi Minh City Science and Engineering Fair (2018) – Second Prize

SKILLS

- Languages: Python, Java, C, JavaScript, TypeScript, HTML
- Others: Git, GitHub, Web Development (Mongoose, ExpressJS, React, NodeJS), Linux/Unix, Programming and Debugging, Visual Studio Code, Eclipse, Qualitative and Quantitative Research.
- Data Analysis and Visualization: Python, SPSS, Excel, SQL, D3.js
- Design: Photoshop, Audacity, AdobeXD, Premiere

LANGUAGE

Vietnamese, English

EDUCATION

University of Massachusetts, Amherst College of Information and Computer Sciences, Member of Commonwealth Honors College

Class of 2022. GPA: 3.859

Double Major - Computer Science (B.S) and Bachelor's Degree with Individual Concentration: User Experience Research (B.A)

- *Courses Related:* Introduction to Computing, Data Structure, Make: Physical Computing, Computer Systems Principles, Reasoning Under Uncertainty, Statistics I, Introduction to Artificial Intelligence, Research Methods, Programming Methodology, Introduction to Computation, Introduction to Algorithms, Introduction to Human-Computer Interaction, Web Programming, Practice and Applications of Data Management, Applications of Natural Language Processing
- *Current Courses:* Data Visualization, Computer Networking, Software Engineering

EXPERIENCE

UMass Amherst Undergraduate Course Assistant (for COMPSCI 121: Introduction to Computing - Java)

January 2020 - current in Amherst, Massachusetts, USA

- Facilitated lab sections, held exam reviews and other workshop sessions, assisted students in acquiring knowledge, and graded student's work. Received positive reviews from Teaching Assistants and students.

HarmonicPattern.com, Software Engineering Intern (Remote)

July 2020 – August 2021, December 2020 - February 2021 (4 months) in New York, USA

- Applied financial knowledge to create and get published Python API for fetching data and successfully using Tkinter Python and SQL to write an app for connecting user's interface and SQL data. Scrapped website for displaying stock information from Excel and csv format.

Digital Civics Lab at UMass Amherst, Team Member

September 2019 – January 2020, November 2020 - current (4 months) in Amherst, Massachusetts, USA

- Assisted lab researchers with researching tasks (collecting, analyzing, sorting data, reviewing peer papers), attended lab meetings and readings on computing for social good, data visualization, and human-computer interaction. Currently doing research in data visualization for general public.

Viet Systems VSYS, Deployment Intern

June 2019 - August 2019 (3 months) in Ho Chi Minh City, Vietnam

- Involved in the deployment department where everyone is applying the mechanical language that the start-up company creates and is developing.
- Worked with electronic devices (light bulbs, light switches, LCD screen, card reader, ...) and voice bots, writing programs to integrate them in realistic situations and applications.

Amherst Regional High School, Course Designer

January 2019 - May 2019 (4 months) in Amherst, Massachusetts, USA

- Assisted Amherst Regional high school students in learning computer programming, Python, by writing the layouts and contents of the high school course, received positive reviews from supervisors.

Other works:

- Courses on Interaction Design Foundation (about Design, and UX)
- Other positions: Project Manager, Head of Sponsor Relations, Volunteer (more details on LinkedIn)