

VI TRAN

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EDUCATION

Dartmouth College, Hanover, NH

June 2023

Bachelor of Arts: Intended Computer Science and Economics

GPA 3.93/4.0

Relevant Coursework: *Intro to Programming & Computation (Python)*, *ProbSolving: Object-Oriented (Java)*, *Foundation of Applied Computer Science**, *UX/UI Design**, *Intro to Statistical methods**, *The Price System*.

*: intended course. Plan to complete by the time the time of internship

Evergreen Valley High School, San Jose, CA

June 2019

Valedictorian, ELKS Most Valuable Student, Questbridge Scholar, Science National Honor Society, California Scholarship Federation.

GPA 4.0/4.0

Activities: Robotics Secretary; Audio, Visual and Technology Committee Head; Wall Street Club vice president.

EXPERIENCE

DALI (Dartmouth Applied Leadership and Innovation) Lab, Hanover, NH.

Jan 2020 - Present

DALI Designer and Developer

- Working closely with a small team of developers and the Dartmouth's Information, Technology and Consulting Center to design, program, and test a mobile application to help college students manage their finances.
- Using React Native, and Ruby to create a secure application that accesses Dartmouth College's dining dollar tracking system to provide an automatic way for students to plan their spendings based on their meal plans.

SLAC National Accelerator Laboratory, Menlo Park, CA.

June - Aug 2018, June - Aug 2019

Engineering Intern

- 2019 - Constructed a 50 pico-seconds pulse simulator and contributed to the development of a low-cost timing system for high precision particle detector. Self-taught microchip programming.
- Outcome: A low-cost simulation that allows the lab to test the timing system.
- 2018 - Prototyped a temperature-controlled enclosure for the LINAC Coherent Light Source II. Assisted mentor with the development of an optic timing system
- Outcome: A prototype that was later developed into a radio receiver project for the lab.

Dartmouth College, Hanover, NH

January 2018 – Present

Computer Science Teaching Assistant

- Holding sections, office hours, and grading projects and exams for *Intro to Programming and Computation (Python)* and *Problem Solving: Object-Oriented (Java)*
- Serving as a mediator between the instructor and students, and contributing to the structure of the course.

Bay Area Bartending Company, San Jose, CA.

March 2018 - March 2020

Application developer

- Developed a faster method to calculate quotes for different services the business offers
- Outcome: Company was able to decrease wait time from 2-3 business days to under a day for an official quote and almost instantaneously for an estimate.

Resonym, Hanover, NH.

October 2019 - December 2019

Augmented Reality Programming Intern

- Researched the feasibility of implementing Resonym's board games on an AR app.
- Attempted to replicate ARIA's functionality in Unity using Vuforia.

LEADERSHIP

Dartmouth College, Hanover, NH.

January 2020 - Present

Computer Science and Economics Peer Tutor

- Helping students understand concepts, algorithm and Python syntax for Computer Science courses
- Clarifying statistical theories for students in Economics courses.
- Paired with multiple students per term as a resource for them to succeed in their classes.

Women in Computer Science, Hanover, NH.

September 2019 - Present

Freshman Representative

- Finding and matching 30+ experienced women to younger women in the field in a mentor-mentee program.
- Contributing to the organization of events that provide more information about the career path for women.

SKILLS & INTERESTS

Proficient with: Python, Java, React, HTML, CSS

Familiar with: Git, Excel

Other tools: Mural, Figma

Languages: Vietnamese (first language), English (fluent)

Additional Interests: Badminton, Board Games, Rock Climbing