

VI TRAN

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SKILLS

Technical Skills: Python (most proficient), React, HTML, CSS, React Native, Java, Figma, Git.

EDUCATION

DARTMOUTH COLLEGE, Hanover, NH.

September 2019 – June 2023

Degree: Computer Science and Economics, B.A.

GPA 3.93/4.0

Honors: Second Honor Group – top 15% of all students, Rewriting the Code Fellow

Courses: Object Oriented Programming in Java, Python, Physical Modeling in Matlab, Algorithms, and Discrete Mathematics

EVERGREEN VALLEY HIGH SCHOOL, San Jose, CA.

August 2015 – June 2019

Honors: Valedictorian, ELKS Most Valuable Student, Questbridge Scholar, National Honor Society

GPA 4.0/4.0

EXPERIENCE

DIGITAL APPLIED LEARNING AND INNOVATION LAB, Hanover, NH.

August 2020 – Present

Software Engineer – Full Stack Developer

- Building a mobile application from scratch to help patients with multi-symptom chronic illnesses better track, visualize, and communicate their symptoms and triggers over time using React Native, Node/express server, and MongoDB database.
- Hired as one of the youngest employees to the selective entrepreneurial incubator to work with a team of designers, developers, and project managers to solve problems from companies worldwide.

DARTMOUTH COLLEGE, Hanover, NH

Teaching Assistant (Computer Science)

March 2020 – Present

- Conducting interactive discussions on a weekly basis with ten students as well as assisting over fifty students by clarifying questions, troubleshooting code, and reviewing course content
- Led two tutorial sections of seven students, of which all 14 earned above median to top marks in the class

Tutor (Computer Science and Economics)

January 2020 – June 2020

- Conducted 1:1 tutoring sessions with three students on subjects varying from Python to economic theories and statistical methods

SLAC NATIONAL ACCELERATOR LABORATORY, Menlo Park, CA.

Software Engineer Intern

June 2019 – August 2019

- Designed, assembled, and tested a low-cost timing system for particle detection at a precision of 1 nanosecond
- Constructed a 50 picoseconds pulse simulator and explored the capability of 2 microcontrollers (Microchip and Texas Instruments) to trigger the analog to digital converter conversion at the pulse's rate

PROJECT

Founder of Fine-ance App – Software Engineer and Designer

- Building a mobile and web application from the ground up to replace Dartmouth College's current student financial management application using React, React Native, and Ruby on Rails
- Introducing 10+ new features like dynamic spending recommendation and tracking, in-depth visualization, incentive system, and education resources

LEADERSHIP

WOMEN IN COMPUTER SCIENCE CLUB, Hanover, NH.

September 2019 – March 2020

Community Chair

- Matched 30+ women with experience in technology to aspiring female technologists in a mentor-mentee program
- Coordinated informational events about the technology industry for women