VI TRAN

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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

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**
Activities: Robotics Secretary; Wall Street Club vice president.

EXPERIENCE

DIGITAL APPLIED LEARNING AND INNOVATION LAB, Hanover, NH. **January 2020 - Present**
Founder of Fine-ance tool

- 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

DARTMOUTH COLLEGE, Hanover, NH
Teaching Assistant (Computer Science) **March 2018 – 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 2018 – Present**

- Conducted one-on-one tutoring sessions with students on subjects varying from Python syntax to economic theories

BAY AREA BARTENDERS, San Jose, CA. **March 2018 - March 2020**
Product Developer

- Automated the price calculation process, reducing wait times for quote estimates from three days to ten seconds and from five days to under a day for official quotes using Google Spreadsheet

SLAC NATIONAL ACCELERATOR LABORATORY, Menlo Park, CA.
Software Engineer Intern **June - 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

Electrical Engineer Intern **June - August 2018**

- Built a low-cost, self-adjusting, temperature-controlled enclosure using a National Instrument device that results in fluctuation in the hundredth decimal of a degree at feedback point and in the tenth decimal at the furthest location
- Exceeded expectation by completing the prototype 2 weeks before the deadline

SKILLS & INTERESTS

Technical skills: Python, React, HTML, CSS, Java, Figma, Git
Interests: Meeting new people, UI design, board games, puzzles

LEADERSHIP

Freshman Representative **September 2019 – June 2020**

- 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