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

VERAZONE **August 2020 – Present**
Full Stack Engineer

- Building a web app (vera.zone) that allows people to discover meaningful relationships via curated 1:1 matchings
- Incorporated a bidirectional matching algorithm to calculate users' compatibility, a reliable backend, and a user-friendly interface to the app by using Python, React, Node.js, SCSS, and Postgres

DIGITAL APPLIED LEARNING AND INNOVATION LAB, Hanover, NH. **January 2020 – Present**
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

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

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