

# HAO TRAN

## SUMMARY

People-oriented tutor with 2 years of experience. Passionate about problem solving, creative coding, and web development. Deeply curious in the study of computation. Driven in teams to meet expectation of peers.

## EXPERIENCE

### Code Coach

THE CODER SCHOOL | SAN RAMON, CA | August 2021 - Current

- Mentored students in project-based learning by developing games and projects
- Taught programming fundamentals, computer graphics, GUI programming, and data structures and algorithms
- Designed and implemented engaging and relevant lessons based on student needs

### Peer Tutor

TUTORFLY | CA | August 2020 - Current

- Freelance tutor responsible for communicating with clients, scheduling sessions, preparing lesson plans
- Subjects tutored ranged from algebra to calculus and computer science
- Over 180 hours tutored and 9 five star reviews by clients

## PROJECTS

### Davis Hacks: Heart Risk Survey | Apr. 2022 - May 2022

- Built the web application for a survey which used a machine learning algorithm to predict likelihood of heart disease
- Developed an API with Express and Node which integrated Typeform Webhooks
- Integrated Typeform survey into landing page and developed a dynamic results page with React

### MESA Career Mentorship: Chat Room | Jan. 2022 - Mar. 2022

- Built a chat room on local network using Object Oriented Programming in Python
- Implemented socket programming and multi-threading in the backend
- Learned about the client-server model and low-level networking

## PROFILES

- <https://github.com/haotran-california>
- <https://www.linkedin.com/in/hao-tran-31a82218b/>
- <https://editor.p5js.org/haotran.california/collections>

## CONTACT

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## EDUCATION

### Bachelor of Arts

Computer Science

University of California - Santa Cruz

GPA: 4.0

Expected in June 2024

## TECHNOLOGIES

MongoDB, Express, React, Node, Git, P5, Flask, SQL

## ACCOMPLISHMENTS

Academic Decathlon California State Championship Bronze Medalist