TRUONG NGUYEN

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EDUCATION

Honolulu, HI	Hawai'i Pacific University	Expected Graduation: Dec 2023

- BS in Computer Science - Major GPA: 4.0. Dean's List for 6 consecutive semesters
- Recipient of Presidential Scholarship, 2019-2023
- Participant in 2020 and 2021 ICPC Pacific Northwest Regional Contest
- Coursework: Java, Data Structure, Algorithms, Assembly Language, Databases, Data Communication
- Activities: Member of Computer Science Club, International Student Ambassador, Alpha Lambda Delta National Honor Society
- Invited to join Alpha Chi National College Honor Society

EMPLOYMENT

Math & Computer Science Tutor	Hawai'i Pacific University	Feb 2020 - Now

- Guide 80 students every semester getting started with programming in Java and Python
- Instruct students to the concept of object-oriented programming
- Assist student build logical thinkings in solving Mathematics problems
- Identify lagging skills and proposed personalized study plan for students
- Collaborate with fellow tutors in different subjects to hold several workshops for academic success
- Encourage students to deal with academic stress

TECHNICAL EXPERIENCE

Human Radar   **Mar 2021 – May 2021**
(Social Distancing Alert Device)

- Programmed Bluno Beetle Microcontroller in C to utilize data from Ultrasonic Sensor and Temperature Sensor and alert the user if there is anybody staying closer than 6ft to enforce Covid-19 restriction
- Created Visualization by adapting Java code to produce a color changing radar detecting objects close by
- Time planning to ensure punctuality of work and deliverables
- Applied Engineering Design Process and completed the project 20% faster than anticipated in GANTT chart
- Performed testing and reported to class.

Obstacle Avoidance Robot   **Sep 2021 - Nov 2021**

- Programmed Arduino Microcontroller in C to use data from Ultrasonic Sensor and control the motor
- Built the timetable for team and divided tasks
- Managed progress from documenting, building to testing

Smarter Money Web Application   **Oct 2022 - Current**
(Building)

- A web-based app using LAMP stack (Linux, Apache Server, MySQL and PHP) to track budget
- Responsive UI utilizing HTML, BootStrap and JavaScript
- Project planner and overall web architecture designer
- Implement Agile methods to produce high efficiency
- Communicate with the instructor to provide guidance to the team

SKILLS & HOBBIES

- Programming Languages: JavaScript, HTML, CSS, PHP, SQL, Java, Python, C, Assembly.
- Frameworks: React.JS, Bootstrap, TailwindCSS, MySQL
- Developer Tools: Visual Studio, Git, GitHub
- Office skills: MS Word, PowerPoint, Excel, Access
- Languages: English, Vietnamese (native)
- Hobbies: traveling, cooking, discovering new things, playing piano