Duy Pham

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13892 Yockey Street
Garden Grove, California

Summary

Recent university graduate seeking a full-time web developer job. Experienced in fast-paced team environments to meet competitive deadlines. Independent learner willing to research solutions to open-ended problems.

Experience

IEEE RoboCup SSL Software Lead

IEEE Student Branch • La Jolla, California   10/2018 - 06/2022

- Collaborated in in year-long electrical engineering and software engineering project IEEE RoboCup.
- Developed the centralized off-field AI software to simultaneously coordinate a team of independent on-field robots.
- The AI software was responsible for pathfinding, decision-making, and sending movement and kicking commands.
- The AI was developed in Java and was created to be modular. Each module communicated with each other through a publisher-subscriber pattern utilizing RabbitMQ.
- The central AI interfaced with each robot through UDP and protobuf.
- After two years, I was asked to lead software development due to my expertise. As software lead, I delegated work schedules and assigned tasks to a small team of software developers.

Residential Dining Food Service Worker

University of California, San Diego • La Jolla, California   09/2021 - 10/2021

- Provided general assistance to career food service workers.
- Provided customer service to students, staff, faculty and off-campus patrons. Customer service included greeting customers, preparing and serving food and beverages, and operating kitchen equipment

MESA Student Competitor

Mathematics, Engineering, Science Achievement • Garden Grove, California   08/2015 - 06/2018

- Participant in MESA engineering competitions.
- Worked within a team environment to build robots and software to compete against other high schools at UC Irvine MESA branch.
- Representing Bolsa Grande High School, UC Irvine, and the state of California, designed, built, and pitched a phototype of a document sorting machine in front of a crowd of judges and students in MESA's National Engineering and Design Competition (placed 2nd nationally)

Skills

TypeScript, CSS, HTML, React, Java

Education

B.S. Cognitive Science - Machine Learning

University of California, San Diego • La Jolla, California   06/2022

- Degree in Cognitive Science, Specializing in Machine Learning and Neural Computation
- Member of IEEE

- Member of Waren College Honors Society (4 years)
- Elected to RoboCup Software lead for UCSD IEEE in 2021
- 3.9 GPA
- Cum Laude
- Provost Honors, All Terms