Duy Pham

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Education

September 2018 - June 2022
University of California, San Diego - La Jolla, CA
B.S. Cognitive Science (Specialization in Machine Learning, Neural Computation)
- GPA: 3.912 / 4.0
- Courses Summary: Computer Science, Data Science, Machine Learning, Neuroscience
- Awards and Honors: Cum Laude (Top 14%), Provost Honors (3.5+ GPA, All Terms)
- Activities and Societies: IEEE Annal Projects (Extracurricular Robots Engineering Competitions), Warren College Honors Society (3.7+ GPA, All Terms)

Experience

October 2018 - June 2022
IEEE Student Branch At UC San Diego - La Jolla, CA
IEEE RoboCup SSL Software Lead
- Collaborated in year-long electrical engineering and software engineering project IEEE RoboCup.
- Cooperated with teams of electrical engineers, mechanical engineers, and software engineers.
- Developed centralized off-field AI software to simultaneously coordinate a team of independent on-field robots.
- Developed algorithms for pathfinding, decision-making, and broadcasting movement and kicking commands.
- Promoted to lead software development after two years.
- As software lead delegated work schedules and assigned tasks to a small team of software developers.

August 2015 - June 2018
MESA Program - (Garden Grove, CA | Philadelphia, PA)
National Engineering and Design Competition (NEDC) Contestant
- As competitor in MESA's National Engineering and Design Competition (NEDC), collaborated with two other students to develop a document organizing system able to visually scan and automatically sort stacks of papers.
- Pitched document organizing system in front of judges and technical interviews in multiple events at the local, regional, state, and national levels.
- Led team of two other students to place second in the national competition for NEDC.

Skills
- Front-End Languages: HTML, CSS, JavaScript, Typescript
- Front-End Frameworks: ReactJS, Next.js, Redux, React-Router
- CSS Styling Frameworks: MUI (Material UI), Chakra UI, Materialize
- Back-End Languages: Java, Python, SQL
- Back-End Frameworks: Node.js, Express
- Testing Frameworks: Jest, React Testing Library
- General Software Development: Git, GitHub, VS Code