DUY PHAM

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WEBSITE, PORTFOLIO, PROFILES

- Portfolio: https://www.duypham.tech/
- LinkedIn: https://www.linkedin.com/in/duy-pham-tech/
- GitHub: https://github.com/qbit-0

PROFESSIONAL SUMMARY

Reliable and dedicated software developer specializing in front-end software development. Independent researcher able to explore solutions to open-ended software engineering problems. Voracious learner, happy to learn new frameworks, software engineering methodologies, and project management practices.

SKILLS

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

PROFESSIONAL EXPERIENCE

IEEE RoboCup SSL Software Lead | IEEE Student Branch At UC San Diego - La Jolla, CA
10/2018 - 06/2022

- 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.

MESA Competitor | MESA Program - Garden Grove, CA   *08/2015 - 06/2018*

- Engaged in engineering and software engineering competitions against other high schools under UC Irvine MESA branch.
- As competitor in MESA's National Engineering and Design competition, 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 MESA's National Engineering and Design Competition.

EDUCATION

University of California, San Diego - La Jolla, CA   *06/2022*
Bachelor of Science: Cognitive Science (Spec. Machine Learning)

- GPA: 3.912 / 4.0
- 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)
- Coursework focus on programming, data science, machine learning, and neuroscience.

Bolsa Grande High School - Garden Grove, CA   *06/2018*
High School Diploma

- GPA: 3.8 / 4.0
- SAT Score: 1480 / 1600 (Top 99%)
- Awards and Honors: AP Scholar with Distinction (Avg. 3.5+All AP Exams Taken, 3+ on 5+ Exams)
- Activities and Societies: STEM Club (Extracurricular Engineering and Software Engineering Competitions)