

# Quang Do

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[Github](#) | [LinkedIn](#) | [Portfolio](#)

## WORK EXPERIENCE

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### Advanced Robotics Group

Houston, TX

Full-Stack Web Developer

03/2022 - Present

- Utilize numerous visualization tools, such as deck.gl, Chart.js, and D3.js, to build an interactive platform to display client's data
- Translate design team's UX wireframes and mockups into a responsive page
- Create an automatic script to capture hundreds of screenshot from the webapp to store them in AWS buckets
- Lead front end development for a printable reports page in industry format
- Optimize and develop E2E testing using Selenium, reducing test duration by 40%
- Architect API endpoints to fetch images and statistics from AWS and PostgreSQL

### Flatiron School

Remote

Technical Coach

01/2022 - 03/2022

- Guided 20 students a day from different backgrounds with web-development
- Monitored each student's progress by delivering 1:1 support through text-based chats and video calls
- Reviewed coursework and provided qualitative and useful feedback
- Reduced number of repeated students by 20%

### Texas A&M Low Speed Wind Tunnel

College Station, TX

Aerospace Test Engineer

06/2020 - 08/2021

- Developed GUI software in Python that extracts test data to plot aerodynamic forces for reports, increasing plot generation efficiency by 700%
- Established network-wide connection between Microsoft Visual Studio and LabView programs

## PERSONAL PROJECT

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### PJ Man - [Github](#) | [Website](#)

Project management app to provide smooth workflow to individual users and teams - *React.js*, *Rails*, *PostgreSQL*

- Established real-time messaging between members using WebSockets and Redis
- Architected API endpoints, enabling users to create, view, modify, and delete projects/tasks

## TECHNICAL SKILLS

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**Languages:** Javascript, Typescript, Python, Ruby, C++, MATLAB

**Other:** HTML, CSS, React.js, Django, Ruby on Rails, Node.js, Express.js, Redux, LATEX, PostgreSQL

## EDUCATION

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### Flatiron School

Online

Full Stack Web Development, Ruby on Rails and JavaScript program

08/2021 - 12/2021

### University of Notre Dame

Notre Dame, IN

Bachelor of Science, Aerospace Engineering (GPA: 3.5)

05/2019