

Hung Nguyen

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EDUCATION

Loyola Marymount University

Los Angeles, CA

Candidate of Bachelor of Science, Mechanical Engineering; Major GPA: 3.2/4.0

Expected May 2027

- **Organizations:** Society of Automotive Engineers, Crimson Consulting Group, Lions Motorsport, American Society of Mechanical Engineering
- **Awards:** LMU international scholarship, FPT employee certificate

PROFESSIONAL EXPERIENCES

Anh Tu Garage

Ho Chi Minh, Viet Nam

Mechanical Engineer Intern

May 2024 – October 2024

- Performed routine maintenance on engines and parts, including problem diagnostics, repairs, and replacements, averaging 8 vehicles per day, resulting in overall client satisfaction
- Inspected mechanical failures by analyzing component wears and failure patterns, assisting in 2 to 3 major repairs per week, ensured rapid workflow and increased work efficiency by 70%
- Managed inventory of mechanical parts and tools by tracking usage, ordering supplies, handling over 50 different tools and devices, and ensuring all items were organized and readily accessible for maintenance and repair tasks

Financing and Promoting Technology Corporation

Ho Chi Minh, Viet Nam

Software Engineer Intern

May 2023 – August 2023

- Manipulated databases utilized PostgreSQL aimed to improve and consolidate data structures, resulted in restructured data flow among 10 files and trimmed down memory storage by 80%
- Implemented and designed a front-end web page short link by collaborated with the Solution and Technology Unit, resulted in an internal functional feature hosted approximately 42,000 employees

RELEVANT EXPERIENCES

Lion Motorsport Formula Racing

Los Angeles, CA

Vehicle Dynamic Engineer

January 2025 – Present

- Cooperated with 10 other team members to created CAD parts for suspension area by investigated on other competitors and using Solidworks
- Constructed blueprint design for control arms areas, ensured parts were within budget

Crimson Consultant Group

Los Angeles, CA

Hardware Project Manager

January 2024 – Present

- Supervised a team with individuals from diverse proficiency backgrounds, ensuring tasks were given to suited individuals and efficiently handled to meet customer demands
- Engineered an order management program interface for a multi-billion-dollar short-term rental company, met with head product manager and client, providing seamless user interaction for ~23k monthly users
- Collaborated with Entrepreneurship Society and assembled magnetic sensor prototypes to be use within parking lots running Arduino Nano with Reed switches and streamlined data collected from database to an interactive user interface web app, resulting in a successful startup

Product Space

Los Angeles, CA

Project Manager

December 2022 – December 2023

- Hosted engineering education for members, led weekly meetings with product teams of 10
- Constructed pricing and recommendation for cyber-security and IT consulting company
- Developed company website using WebStorm generating ~4,000 monthly unique visitors

SKILLS AND LANGUAGES

Programming languages/ Frameworks: Html/CSS, JavaScript, Python, PostgreSQL, Java, Vue.js, Node.js

Tools: Visual Studio Code, IntelliJ IDEA, WebStorm, GitKraken, Source Tree, Git/GitHub, Postman, SolidWorks, MATLAB, Microsoft Office, Arduino IDE, Arduino

Languages: English, Vietnamese