

# David Pham

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## EDUCATION

**Texas A&M University, Mays Business School** College Station, Texas  
*Master of Business Administration – Specialization in Finance* August 2025

**Texas A&M University, College of Engineering** College Station, Texas  
*B.S. Mechanical Engineering* May 2024  
Engineering Project Management Minor & Concept, Creation, & Commercialization Certification

## EXPERIENCE

**Lockheed Martin** Orlando, Florida  
*Design/Product Engineer Intern* May 2023 – August 2023

- Developed 3+ CAD models through Creo, streamlining project timelines by 20% and generating \$15,000 in production overhead savings
- Collaborated on 4 manufacturing process improvements to optimize resource allocation, reducing operational costs by 10% across 3 major projects
- Formulated 2 procurement processes using SAP, enhancing budget efficiency by 12% and reducing lead times by 15 days
- Conducted shock and vibration tests on 10 prototypes ensuring 95% reliability, minimizing warranty claims and protecting \$50,000 in assets

*Mechanical Design Intern* May 2022 – August 2022

- Spearheaded vacuum leak tests for 5 missile canisters, improving operational efficiency and achieving 5% reduction in material costs
- Streamlined team communications, reducing project delays by 20% and enhancing overall project budgeting
- Analyzed 25+ bolt tolerances using Excel visualization, saving \$15,000 in liabilities

*Research Engineering Intern* May 2021 – August 2021

- Developed 8+ presentations of 20+ innovative design proposals focused on cost-saving, resulting in 10% reduction in material costs
- Simulated three diverse weather conditions to rigorously test new components, achieving 99% part reliability
- Created 100+ precise prototypes to enhance product fitting, optimizing production timelines and saving \$8,000 in prototyping expenses

*Mechanical Engineering Intern* September 2019 – August 2020

- Managed inventory utilizing advanced Excel analytics, improving turnover ratio by 15% and reducing idle time by 10%
- Optimized test data and reporting processes using VBA modeling, accelerating reporting timelines by 25%
- Developed Python scripts for automation, streamlining experimental trial data analysis by 30% and reducing operational costs by \$5,000 per quarter

## LEADERSHIP & INVOLVEMENT

**Senior Design Capstone Project** College Station, Texas  
*Team Project Manager* August 2023 – May 2024

- Coordinated project schedule with team of 6 members and sponsor, improving productivity by 25%
- Instituted automated Excel financial statements, minimizing errors through advanced formula integration and reducing overall cost by over \$2,000

## SKILLS, ACTIVITIES & INTERESTS

**Security Clearance:** Secret | Valid until 05/2028

**Interests:** Mentoring Youth, STEM Outreach, Dallas Mavericks Basketball, Exploring the World

**Activities:** Texas A&M Bowling Club, Dallas Boys & Girls Club, St. Joseph Vietnamese Catholic Church