

Calvin Pham

Charlotte, NC | P: (704) 488-4467 | CalvinLDPham@gmail.com | linkedin.com/in/calvinldpham | calvinldpham.github.io

EDUCATION

PRINCETON UNIVERSITY

Bachelor of Engineering

Major in Mechanical and Aerospace Engineering; Certificate in Robotics and Intelligent Systems

Cumulative GPA: 3.54/4.0;

Relevant Coursework: Solids Mechanics; Dynamics, Thermodynamics, Differential Equations, Advanced Linear Algebra, Engineering Design and Simulation, Fluid Mechanics, Aerospace Structures

Princeton, NJ
Expected May 2026

HARPER MIDDLE COLLEGE HIGH

High School Diploma

Cumulative GPA: 3.97/4.0; President's List 2020-2021; Dean's List 2022

Relevant Coursework: Calculus, C++, Public Speaking, Microeconomics, Physics, Multivariable Calculus
Transferred from previous highschool in 2020 to pursue a more rigorous curriculum.

Charlotte, NC
August 2020 - May 2022

PROFESSIONAL EXPERIENCE

AKASHIX.AI

Co-Founder

- Startup developing an AR and AI tool to boost productivity and learning through mind maps and memory palaces.
- 2024 Princeton Pitch Finalist

Princeton, NJ
Feb 2024 - Present

PRINCETON TRIANGLE CLUB

Production Manager

- Managing the production timeline of three unique shows, a tour, and an encore performance with a company of 90 - 100 members.
- Duties included communication, logistics, leading meetings, and product management

Assistant Technical Director

- Assisted in installing and removing sets between venues and logistics during the company week-long tour.

Princeton, NJ
Feb 2024 - Present

Mar 2023 - Feb 2024

FIRST ROBOTICS TEAM, T-REX 4935

Team President

- Team President (Jan 2022 - Aug 2022), Mechanical Fabrication Lead (Oct 2021 - Aug 2022), Mechanical Fabrication Team Member (Oct 2019 - Aug 2022), Strategist (Aug 2019 - Oct 2019)
- Managed the timeline and design process of 40 - 45 team members through project management. Served as the face of the team during events with a technical understanding of all aspects of the robot and team.
- Maintained the production schedule and trained team members on fabrication from design prints to final product. Tested mechanism, prototyped designs, and assembled chassis to design specification.

Charlotte, NC
Aug 2019 - Aug 2022

UNIVERSITY PROJECTS

FORMULA 1 KEYCHAIN

- Designed and prototyped a Formula 1 car in CAD software with a secondary update that allowed a moving axial with 3D printing

Jan 2019

ACTIVITIES

QVEST MENTORSHIP PROGRAM

- Attended workshops aimed at consulting, product development, and project cycles within media consulting.

Feb 2024 - Apr 2024

PRINCETON RACING ELECTRIC

Mechanical

- Worked with vehicle dynamics to develop an understanding of chassis, steering and suspension design
- Assisted in car assembly and composite design

Princeton, NJ
Sep 2022 - Mar 2024

PRINCETON ROVER TEAM

Robotic Arm

- Sourcing motors for optimum torque operation of a five degree of freedom arm.

Princeton, NJ
Sep 2023 - Mar 2024

ADDITIONAL

Technical Skills: Proficient in SolidWorks, AutoDesk Inventor, NX, TinkerCAD, MATLAB, Java, C++ , R , Mathematica, Creo

Languages: Fluent in English; Conversational Proficiency in Vietnamese; Elementary Dutch; Learning Korean

Certifications & Training: OSHA 10-HR General Industry Safety and Health (2019), ACT WorkKeys National Career Readiness Certificate - Platinum Certification (2022)

Awards: Questbridge National Match Finalist (2021); Questbridge College Prep Scholars (2021);