Anh Pham

Seattle, WA |Work Phone: (206) 465-1842| Email: phama12@spu.edu

Qualifications:

- Bilingual (Fluent in Vietnamese and English)
- Mechanical Engineering major with Physics Minor
- Strong computer skills
- Data collecting skills using Excel, Tracker, Capstone, LABVIEW, SoildWorks

Education: Anticipated Graduation June 2026

Bachelor of Sciences in Mechanical Engineering,

Seattle Pacific University, Seattle WA

Relevant Courses

Computer Aid Design Applications for Engineers, Computer Programing for Engineers, Thermodynamics, Fluid Mechanics, Dynamics, System Dynamics, Mechanics of Materials, Thermodynamics, Fluid Mechanics, Heat Transfer, Mechanical Design

Work Experience:

- **Physics Assistant** **(2023-Present)**

- Shown ability to correctly answer variety of questions
- Demonstrated problem solving skills through complex physics questions
- Able to slowly support 5-10 students through any complicated task at a time
- Discovered multiple alternate teaching methods to help students more effectively

- **Linear Algebra Assistant** **(2025-Present)**

- Effectively supported students through Gauss Jordan Elimination method for matrixes.
- Effective at solving 4x4, 5x5, 6x6 matrixes by hand, and MATLAB
- Able to deliver helpful feedback to students on 20 different homework assignments to prepare for exams.

Other Experiences:

- **Soildworks CSWA prep** **(2025-present)**

- Able to master Soildworks Fundamentals with sketching essentials and converting it to 3D bodies.
- Improved technical knowledge of the platform and able to discover shortcuts to work efficiently.
- Able to define and edit sketches to create more complex 3D bodies.

- **Junior Design** **(April 2025-June 2025)**

- Currently developing a miniaturized automated lift that will attach into the trunk of a car to support consumers with limited hip and back mobility.
- Using Soildworks to design the models of the mechanical components in the horizontal motion aspect of the system.
- Designing a V-slot NEMA 17 linear actuator as the driving force for the horizontal rail system
- Daily calibration with fellow engineers to design strategies to assemble all the mechanical and electrical components together to complete the system.