

Elijah Engineer

Seattle, WA - (208)-707-2696 - kwanr@spu.edu - linkedin.com/ElijahEng

QUALIFICATIONS

- 3+ years interdisciplinary design experience
- Strong team player, quick learner and self-starter, developed by working frequently in teams during engineering class projects
- Proficient with SolidWorks, MATLAB, Maple, and C++ programming
- Certified in Microsoft Word, Excel and Power Point

EDUCATION

Bachelor of Science in General Engineering

June 20XX

Seattle Pacific University, Seattle, WA

- GPA: 3.69, Dean's List, President's Scholar Award, Philip W. Eaton Scholarship

RELATED WORK EXPERIENCE

Design Engineer

September 20XX-Present

Senior Design Project: Automated passive heating-cooling system, Seattle Pacific University; Seattle, WA

- Collaboratively oversaw project from design and modeling to constructing and testing
- Designed sketches for proposals; prepared dimensions and materials used
- Developed mechanical interfaces and performed thermal analysis
- Recipient of a \$10,000 Puget Sound Energy Grant

Appropriate Technology Site Worker

Summer 20XX

Students International Guatemala; Magdalena, Guatemala

- Engaged in local culture and worked on community building projects with groups of 10+ indigenous individuals
- Redesigned chicken coops using lighter, cheaper material to ensure long-term sustainability

Undergraduate Research Assistant Engineering Department

Summer 20XX

Seattle Pacific University; Seattle, WA

- Developed PowerPoint modules for engineering courses to support professors course material
- Taught approximately 30 students the basics of engineering through 1:1 peer mentoring

ADDITIONAL ENGINEERING EXPERIENCE

Design Engineer

Spring 20XX

Junior Design Project: Building Remote-Controlled Submarine, Seattle Pacific University; Seattle, WA

- Designed mechanical elements to control movement in 6 directions
- Constructed the project physically and in SolidWorks to model it prior to building the submarine

Research Conference Presenter

May 20XX

Erickson Research Conference; Seattle, WA

- Researched various scenarios of a problem outcome to determine the best result
- Created a poster as a visual representation of the desired outcome
- Communicated the solution to the Mathematical Competition in Modeling problem

HONORS

International Mathematical Competition in Modeling Honorable Mention

Feb 20XX, 20XX

Consortium for Mathematics and Its Applications; Seattle, WA