**Kristan Dela Cruz (he/him)**

Seattle, WA | 360-899-7464 | [kristan4@uw.edu](mailto:kristan4@uw.edu) | [Portfolio: KristanDelaCruz.github.io](https://kristandelacruz.github.io/)

**Education**

**University of Washington**, College of Engineering, Seattle, WA **(2022-…2025)**

*Bachelor of Science in ‘Chemical Engineering’*

*Concentration in ‘Nanoscience and Molecular Engineering’*

**Skagit Valley College,** Mt. Vernon, WA **(2020-2022)**

*Associate in ‘Science Engineering Transfer Track #2’*

**Cumulative GPA:** 3.85

**Technical Skills**

**Scientific Computation** (Skilled in Python and Excel, knowledge in Aspen, and learning R)

* Mathematical methods, numerical analysis, programming, and engineering problems.

**Data Visualization**

* Interpretation, presentation, data and error understanding, and organization.

**Relevant Coursework**

Engineering (Calculus) Physics, Differential Equations, Linear/Matrix Algebra, Linear Analysis, Organic Chemistry, Bioengineering Problem Solving, Ethics in Science, Biology, Technical Writing, Graphic Design, Scientific Computing, Materials and Energy Balances, Chemical Engineering Computer Skills, Molecular and Nanoscale Principles, Energy and Entropy, Transport Processes, Quantum Mechanics, Thermodynamics, and Tissue Engineering.

**Experience**

**Skagit Valley College** – Mt. Vernon, WA **September 2021-June 2022**

*Student Government – Equity and Inclusion Representative*

* Worked with other faculty members and students to promote equity and inclusion at the college.
* Made decisions on policies that would affect students, allocated funds, made budget and tenure reviews, talked with higher-ups within the college, and much more.

**Interests**

Recombinant DNA, directed evolution, protein engineering, nanotechnology, biotechnology, and clean energy.