

# Lucas Vigil

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## Education

- Bachelor of Science in Physics from Western Washington University- June 2022
  - Focus in kinematics, electromagnetism, electronics, optics, physics of solids and fluids, statistical mechanics, relativity, science communication, thermodynamics and quantum mechanics (including quantum computing) as well as calculus, differential equations and linear algebra
  - Proficient with Python, Microsoft Excel, Mathematica
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## Experience

- **Lab Teaching Assistant:** currently working as a TA for the Department of Physics and Astronomy at Western Washington University. Skills I've gained from this include sharpening my understanding of physics, as well as improving my ability to communicate science effectively, especially with large groups of people.  
-At position January 2022 - June 2022
  - **Video Production:** currently working at the Digital Media Center for Western Washington University. Skills I've gained include production management, video editing and camera operation.  
-At position October 2019 - June 2022
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## Interests

- **Martial Arts:** After training for a decade, I acquired a second degree black belt in karate and began training younger students. Skills I've gained from this include improving my ability to communicate with large groups, manage my time and incorporate feedback effectively.  
-Active from 2006 - September 2018