Daniel is a seasoned leader with over 2 years of experience in professional engineering and over 6 years of experience managing peers and teaching students. He is an accomplished, aspiring, and curious electrical engineer, outperforming and overachieving expectations. Daniel is cheerful, energetic, and pleasant to work with.

**Education**

Boise State University, College of Engineering, Boise, ID

Bachelor of Science in Electrical/Computer Engineering expected Spring 2023  
**Relevant coursework includes:**

*Circuit Analysis and Design; Differential Equations with Matrix Theory; Digital Systems; Intro to Electronic Materials; Computer Science II; Technical Communication for Electrical Engineers*

**Recent Work History**

**Electrical/Compliance Engineering Intern**

*Multiquip Inc., Boise, ID.* October 2021 - Current - [(](https://www.google.com/search?client=opera-gx&q=amalgamted+sugar+twin+falls&sourceid=opera&ie=UTF-8&oe=UTF-8#)800) 421-1244

* Assisted in Schedule B codes for international products
* Performed compliance tests for sound, EMI, and vibration

**Private Math Tutor**

*Infinite Potential Tutoring, Boise, ID.* August 2021 - May 2022 - [(208)](https://www.google.com/search?client=opera-gx&q=amalgamted+sugar+twin+falls&sourceid=opera&ie=UTF-8&oe=UTF-8#) 515-2725

* Taught calculus, algebra, and writing to high school students
* Coordinated between students and parents to ensure confident performance in school

**Electrical Engineering Intern**

*Amalgamated Sugar Company, Twin Falls, ID.* May 2021 - August 2021 - [(208) 733-4104](https://www.google.com/search?client=opera-gx&q=amalgamted+sugar+twin+falls&sourceid=opera&ie=UTF-8&oe=UTF-8#)

* Cooperated with engineers and electricians on factory improvement projects
* Independently kept a task schedule to meet project deadlines
* Researched solutions to specific problems

**Learning Assistant for Physics II with Calculus**

*Boise State University, Boise, ID.* January 2021 - May 2021 - [(208) 426-1000](https://www.google.com/search?q=boise+state+university&client=opera-gx&hs=t8b&sxsrf=APq-WBvfyxQAT2B5euyuNraV8PZSD2PtCA%3A1644356671471&ei=P-QCYt6WHJe10PEPv9eggAo&ved=0ahUKEwiesqX6ifH1AhWXGjQIHb8rCKAQ4dUDCA0&uact=5&oq=boise+state+university&gs_lcp=Cgdnd3Mtd2l6EAMyCAguEIAEELEDMggIABCABBCxAzIFCAAQgAQyBQgAEIAEMgoIABCABBCHAhAUMgUILhCABDIFCAAQgAQyBQgAEIAEMgUIABCABDILCC4QgAQQxwEQrwE6BAgjECc6BQgAEJECOg4ILhCABBCxAxDHARCjAjoECC4QQzoECAAQQzoKCC4QgAQQhwIQFDoLCC4QxwEQrwEQkQI6BwguELEDEEM6BwgAELEDEEM6DQguELEDEMcBEK8BEEM6DQguEIAEEIcCELEDEBQ6CwgAEIAEELEDEIMBOgsILhCABBCxAxCDAToQCAAQgAQQhwIQsQMQgwEQFEoECEEYAEoECEYYAFAAWNkfYK8gaABwAXgAgAGJAYgBwg6SAQQxNy40mAEAoAEBwAEB&sclient=gws-wiz#)

**Related Experience**

* Designed and fabricated a privacy microphone with a team of 3 other students
* Conducted arc flash hazard analysis for the Twin Falls Amalgamated Sugar factory
* Created a vibration analysis matlab app for Multiquip Inc.; Available on my website

**Additional Skills**

* Fluent in Tagalog (Filipino) as a second language
* Soldering, Computer assembly, Zoom
* Familiar with Vivado, Visual Studio, SQLite and Eclipse
* Proficient in ETAP, LTSpice, Matlab