



Why Hire A UofU Physics & Astronomy Student?

Attributes of University of Utah Physics & Astronomy Students:

- **Motivated problem-solvers.** No problem is too big or too small. From measuring the weight of the universe, to making microchips more efficient, to determining the best place to put that new business center, these students are fantastic at working with data and coming up with unique and innovative solutions.
- **Our students can work with limited information.** Physics & Astronomy are disciplines that deal with fundamental information and derivatives to solve a problem. Because of this, they are trained to work with limited data and apply that for meaningful ideas and ingenious solutions.
- **Physicists understand math.** Our students must have solid advanced math skills before they can start their physics and astronomy coursework. Additionally, the Department of Physics & Astronomy has a strong focus on utilizing a math-driven focus in their courses, so students feel comfortable with and excel at math. This foundation lays groundwork for a variety of applications and problem solving skillsets which includes data analysis and computer programming.
- **Physicists fundamentally understand technology.** At its basic level, much of technology is applied physics. Our students are not only interested in the physics of technology, though, they are also looking to pursue its practical application including programming, building new materials, and making systems work.
- **Physicists bring a new perspective to a project.** Our physics & astronomy students have a broad range of interests ranging from quantum mechanics to computer hardware development. Because of these varied interests and a different approach to problem-solving, they can make a great addition to a team or work as a good stand-alone problem-solver.
- **Our students can explain things.** Because they spend a lot of time learning complex ideas, they are used to hearing and explaining things in various ways to ensure that a concept is understood.
- **Hard-working and quick-to-learn.** With several prerequisites before they can even take physics courses, a heavy physics course load, and intellectually demanding classes, our physics students work hard before graduation and retain those work habits thereafter. They are excellent at surmounting setbacks and getting the job done well. Our students are not shy to learn a new skill or solve a difficult problem.