

# Lucas Giaco Robert Corsiglia

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## EDUCATION

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University of Colorado Boulder • **Physics PhD Program** • Boulder, CO • Ongoing since August 2018  
- GPA: 3.7/4.0

Amherst College • **Bachelor of Arts in Physics & Mathematics** • Amherst, MA • May 2015  
- GPA: 3.8/4.0; graduated with distinction.

San Francisco State University • **Postbaccalaureate coursework** • San Francisco, CA • Spring & Fall 2017  
- GPA: 4.0/4.0

## WORK EXPERIENCE

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University of Colorado Boulder • **Physics Education Researcher** • Boulder, CO • 4/2019–Present  
- Examine physics student difficulties and thought processes; design and evaluate new curricular materials.

University of Colorado Boulder • **Physics Teaching Assistant** • Boulder, CO • 8/2018–5/2019  
- Taught 4 weekly sections of 25 introductory physics students; provided one-on-one help in office hours.

FareHarbor • **Software Engineer & Designer** • San Francisco, CA • 9/2015–7/2018  
- Built scheduling and inventory management software with engineering and design teams for 10,000+ clients.  
- Led team of 3 engineers to design and code website-builder platform used by 1000+ clients.

San Francisco State University Quantum Optics Lab • **Lab Assistant** • San Francisco, CA • Summer 2017  
- Assisted with experiments observing lattice beam interaction within nonlinear optical crystals.

LBG Design • **Web Developer** • New York, NY • 3/2010–8/2015  
- Coded 5+ websites, notably gobuzzword.com, in collaboration with lead designer and other programmers.

Amherst College Office of Residential Life • **Resident Counselor** • Amherst, MA • 8/2013–5/2015  
- Mentored first-year students; mediated conflicts; provided counseling; acted as leader in residence hall.

Amherst College Information Technology Department • **IT Specialist** • Amherst, MA • 9/2011–5/2015  
- Provided over-the-phone and in-person software and hardware support to faculty, staff, and students.

Skyler, LLC • **User Interface Designer** • New York, NY • Summer 2013  
- Designed early versions of iOS app and website for the startup in collaboration with CEO and programmers.

## EXTRACURRICULARS & VOLUNTEERING

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Amherst College Men's Ultimate Team • **Captain & Treasurer** • Amherst, MA • 1/2013–5/2015  
- Led nationally competitive ultimate team through 2 seasons; collaborated with 3 other captains.  
- Planned practices; taught new players; coordinated tournament schedules and thousands of miles of travel.

Amherst College Emergency Medical Services • **Crew Chief** • Amherst, MA • 2/2012–5/2015  
- Led team of 3 emergency medical technicians (EMTs) and was responsible for all decisions made on scene.

## ADDITIONAL SKILLS

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Programming (*Python, JavaScript, PHP*) • versed in *Mathematica, MATLAB, LATEX* • machine shop & carpentry experience • excellent oral & written communication skills • eager and able to learn new concepts, techniques, and software quickly.