

# Anthony BARDESSONO

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## WORK EXPERIENCE

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2018 - 20 | Instructor at ASTROCAMP, VIRGINIA  
*Program Leadership & Development for Overnight and Summer Camp*

- Taught physics concepts to late elementary- and middle-school students through hands-on demonstrations and guided activities.
- Responsible for classroom management, safety, and upkeep.
- Developed several programs for the burgeoning camp on topics including basic circuitry, robotics, and UAV navigation
- Wrote a variety of related documentation, including instruction manuals, learning aids, and lesson plans.
- Built and helped maintain/diagnose a set of 3D printers.
- Lifeguarded pool and lake waterfronts at least twice each week during summer.

SEPT-JUNE 2017 | Math Tutor at SURFERMATH  
*Tutored HS and Jr. college students in mathematics. Scheduled meetings with each client/parent individually. Communicated and clarified mathematical concepts to students new to the material.*

## EDUCATION

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JULY 2016 | Bachelors of Science in PHYSICS, Minor: Mathematics  
**California Polytechnic State University**, San Luis Obispo  
Thesis: "[Black Holes Modeled as Fluid Droplets on Membranes](#)"  
Advisor: Dr. Scott FRASER  
[Academic Resume](#)

**Mathematics Modeling Competition**  
2016 Entry: [Distribution of Grant Money](#) - Meritorious (Top 8%)  
2015 Entry: [Ebola Outbreak](#) - Honorable Mention (Top 40%)  
Advisor: Dr. David Camp

## LANGUAGES

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ENGLISH (PRIMARY), SPANISH, ITALIAN

## COMPUTER SKILLS

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Basic Knowledge: CSS, MATHEMATICA  
Intermediate Knowledge: PYTHON,  $\text{\LaTeX}$ , HTML, Microsoft Suite, Adobe CC Suite

## WORKS

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[Thalci Varner and the Red Children of Paradise](#) Science fiction novel, Self-published

## REFERENCES

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| CHARLES BUECHE | Program Director at ASTROCAMP, VIRGINIA<br>1-800-645-1423   <a href="mailto:Charlie@astrocampva.org">Charlie@astrocampva.org</a><br><i>I worked with Charlie closely for over two years helping teach students science and doing whatever was needed in order to grow the program in Virginia.</i> |
| TOM LEWIS      | Owner of SURFERMATH<br>(707) 637-3072   <a href="mailto:tlewis@surfermath.com">tlewis@surfermath.com</a><br><i>In addition to working for Tom Lewis, I was his student in 7<sup>th</sup> grade.</i>  |
| MARIANNE LYON  | Music Teacher<br><a href="mailto:jlyon@comcast.net">jlyon@comcast.net</a><br><i>I have known Marianne since I was her student in elementary school, and I also volunteered for her in 2016, helping her teach 1<sup>st</sup> – 4<sup>th</sup> grade students music.</i>                            |