

Jeremy Badger

jeremebadger@gmail.com
813-748-0979
Santa Ana, CA, 92705

<https://www.linkedin.com/in/jeremybadger>
<https://github.com/jbadge>

Former physics academic seeking to apply and develop skills in technology, leadership, team-based projects, and problem solving.

Technical Proficiencies

Java (1 years)	C# (2 years)	Docker (1 years)
Linux (4 years)	C++ (2 years)	Python (2 years)
JavaScript (1 years)	TypeScript (1 years)	HTML (2 years)
CSS (2 years)	React (1 years)	PostgreSQL (1 years)
Windows (20 years)	Mentorship (4 years)	Management (2 years)

Career Experience

Instructional Lab Coordinator | Lower Division Physics, University of California, Aug 2019 - Mar 2021 **Santa Barbara, Santa Barbara, California**

- Conceptualized and produced remote learning curriculum for lower division physics courses.
- Guided 20+ graduate student team-leaders, delivering weekly lectures, teaching new material and facilitating general and instructional problem resolution.

Data Research Analyst | Imaging Pipeline, University of California, Santa Barbara, Jan 2018 - Aug 2019 **Santa Barbara, California**

- Led team of ~10 researchers, under Dr. Phillip Lubin, decreasing pipeline runtime duration by 50%
- Organized bi-weekly meetings to address and resolve programming and pipeline issues.
- Took initiative to debug and refactor non-working Python code and develop new code for image analysis pipeline.

Laboratory Assistant | IT Coordinator, System Administrator, University of California, Santa Barbara, Santa Barbara, California **Jan 2018 - Aug 2019**

- Managed and maintained network infrastructure and system administration, ensuring optimal performance and reliability of Windows, Mac, and Linux systems.
- Assisted in lab projects for Modern Design course, including additive and subtractive manufacturing projects (Siemens NX, CAM design, 3D printing, laser-cut etchings and CNC

fabrication).

**Physics Tutor at the Tutoring Center, Los Angeles Valley College, Los Angeles, Nov 2015 - July 2016
California**

- Worked with undergraduate students struggling in physics to understand various concepts within the discipline.

Community Leadership

-

Education

Suncoast Developers Guild

Full Stack Engineering Program

University of California, Santa Barbara

Bachelor of Science in Physics / Minor in Astronomy