

Personal Website: www.jonathanguiang.com | **LinkedIn:** [linkedin.com/in/jonathanguiang](https://www.linkedin.com/in/jonathanguiang) | **Github:** <https://github.com/jkguiang>

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Skills

Technology:

- Programming Languages: Python (experienced), C++ (intermediate), Javascript (intermediate), Matlab (basic)
- Web Development: PHP, HTML, CSS
- Tools: Photoshop, OpenSCAD, Microsoft Office Suite, Docker
- Miscellaneous: Vim, Git, Bash, LaTeX

Interpersonal:

- Collaborated with others in various situations: research, clubs, volunteer work
- Adept at communicating with co-workers and strangers alike
- Experienced in giving and following directions

Experience

<p>Campagnari Group (UCSB) Performed and practiced analysis on data from the CMS detector in the LHC. AutoDQM (Aug. 2017 – Present) Design and implementation of a statistical tool for data quality management with an online, graphical interface for ease of use. MilliQan (Dec. 2017 - Present) Characterization of single-photoelectron response of photomultiplier tubes used in the “MilliQan” experiment demonstrator</p>	<p>Position: Undergraduate Researcher Principle Investigator: Claudio Campagnari Employment Type: 1. Volunteer 2. Full-time Duration: (1.) Dec. 2016 – Jun. 2018 (2.) Jun. 2018 – Present</p>
<p>Pramantha Solutions Designed intuitive user interfaces for proof of concept images used in professional presentations and prototype applications.</p>	<p>Position: Consultant Supervisor: John Sanders Employment Type: Project Based Duration: Aug. 2016 – Dec. 2016</p>
<p>XCom Global Processed returned inventory, packaged devices to be shipped. Made frequent use of Excel.</p>	<p>Position: Shipping Clerk Supervisor: Shushi Shiraga Employment Type: Part-time Duration: Jun. 2016 – Sept. 2016</p>
<p>Legoland California Patrolled the park along a set route, picked up trash, assisted guests, and cleaned park restrooms. Also prepared park for opening and closure.</p>	<p>Position: Grounds Associate Supervisor: Patrick Buchanan Employment Type: Part-time Duration: Jun. 2014 – Mar. 2015</p>

Education

(Undergraduate) University of California Santa Barbara (2015 - 2019)
Major: Physics **GPA:** 3.67 (Last updated – May 5, 2018)

(Secondary) Canyon Crest Academy (2011 - 2015)
GPA: 4.11 (Weighted), 3.94 (Non-weighted) **ACT Score:** 33