



Toe Oo Wai Yan @Towy Zheng

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EDUCATION

- **Bachelor of Science, Physics:** California State University, Sacramento, CA (Expected: Fall 2024)
- **Associate Degree in Liberal Arts and Science:** American University of Yangon, (Fall 2017 – Spring 2019)

SKILLS

- **Hard skills**
 - **Coding:** Python, LabView, HTML, C++, JavaScript
 - **Office:** Microsoft Word, PowerPoint, Excel, Outlook, OneNote, Teams, Slack,
 - **Adobe Suite:** Adobe Photoshop, Illustrator, Xd
 - AC, DC, and digital analysis
- **Soft skills**
 - Communication, collaboration, competence, open-mindedness, self-awareness, time management, problem solving, adaptability
- **Language:** Bilingual (English and Burmese)

RESEARCH AND WORK EXPERIENCE

- **Research Assistant**, Physics Low Temperature Lab, California State University, Sacramento (June 1 – present)
 - Design the high-pressure system that can cool down Helium at room temperature, including assembling and constructing the valves, pressure gauges, and tubing
 - Implement a computer interface using LabView to measure the calibrated temperature on the function analyzer and convert the calibration to pressure
- **Physics Stockroom Assistant**, California State University, Sacramento (February 2022 – Present)
 - Maintain inventory for the stockroom
 - Help assemble equipment for labs and demonstrations
 - Issue equipment trays for lab use and check trays for component compliance
 - Research and discuss faculty members to improve students' lab experience
- **Food Server:** Baja Fresh in Riverfront Center, California State University Sacramento, CA (January 2022 – April 2022)
 - Serve and prepare meals as a front-line worker
 - Communicate and take orders from customers while maintaining kitchen hygiene and workers' communication

- **Academic Program Co-coordinator**, American University of Yangon, Yangon, Myanmar (December 2020 – August 2021)
 - Administrate faculty members and interns while maintaining relationships between the academic team and the other departments
 - Develop new Standard Operation Procedures for the whole organization with the executive team and the co-founder of the university
 - Tutor 22 GE courses to new college students and introduce them to what first-year college life is like
- **Digital Marketing Assistant**, American University of Yangon, Yangon, Myanmar, June 2019 – February 2020
 - Advertise class workshops on Facebook while designing flyers and posters for outreach students and parents
 - Illustrate digital drawing skills using Adobe Illustrator and Adobe Photoshop while working and learning from senior colleagues in the field
 - Translate and write Burmese to English language over 30 articles regarding GE courses
- **Event Organizer Volunteer**: Conyat Create, Yangon, Myanmar (2019)
 - Categorize the documents for the speakers while overseeing the audience's and staff's safety
 - Help setting up the talk shows, events, and symposiums
- **Project Analyst and Assistant**: Doh Eain, Yangon, Myanmar (2019)
 - Interview and took surveys from the residences in Yangon downtown area to spread awareness of climate changes
 - Analyze and discuss the possible outcomes for improving the cleanliness in the neighborhood

SCHOLARSHIPS

- James Clerk Maxwell Award (March 2022)
- Royal Vanderberg Physics Scholarship (March 2022)
- Wrightson Summer Undergraduate Research Experience award (June 1 – August 31, 2022)

AFFILIATIONS

- Member: SPS (Society of Physics Students), Sacramento, CA, September 2021 - Present
- Treasurer: CARE (Connect's Action Reach Everywhere), Yangon, Myanmar, 2018 – 2019
- President: Social Club, American University of Yangon, Yangon, Myanmar