

Rojo, Jude Thaddeus Base

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OBJECTIVE

To find a job that best fits my qualifications, wherein I can continue to learn and impart my skills as a chemist

EDUCATIONAL ATTAINMENT

Tertiary Education:	Master of Science in Chemistry University of San Carlos 2020 - present
	Bachelor of Science in Chemistry University of San Carlos Graduated: May 2019
Secondary Education:	Abellana National School Year 2009 - 2013
Primary Education:	Saint Thomas Aquinas School Montessori 2002 - 2009

ACADEMIC EXPERIENCE

- Quantitative Analyses of real or pure samples using gravimetric, titrimetric and/or instrumental techniques
- Qualitative Analyses of organic and inorganic compounds using the systematic approach with verification using the Fourier Transform Infrared Spectrophotometer
- Syntheses and derivitization of organic and inorganic compounds
- Laboratory scale production of industrial products such as wine, white cheese, nata de coco, yoghurt, paper, liquid detergent, laundry soap and candles
- Completion of my thesis entitled "The Antihyperglycemic Potential of Extracts from the Bark of *Calophyllum inophyllum* Linn., and *Cinnamomum cebuense* Kostermann"
- Spearheading, organizing, and facilitating numerous technical transfers, science shows, and webinars.

WORK AND VOLUNTEER EXPERIENCE

Boiler Feedwater Analyst | July 2022 – present | **KEPCO-SPC Power Corporation** | Regular Employee

*Responsibilities: Analyze hydrazine, chlorides, ammonia, phosphate, silica, total iron and copper content of boiler feedwater samples. Monitor key parameters from online analyzers and adjust chemical dosage of phosphate, ammonia, low density and high density hydrazine based on pH, straight conductivity, and dissolved oxygen trends. Management of the hypochlorination system and initiation of hypochlorite shock dosing for the cooling water of the condenser. Preparation of reagents for the grab sampling analyses and online analyzers.

Head Organizer | December 2020 ; May 2021 | **MS Chemistry Batch 2021** | Class Representative

* Responsibilities: Spearhead two webinars under the supervision of Dr. Josephine Castañares: "Vignettes in Early-Stage Translational Research" and "The Role of *Cyperus alternifolius* Linn. in River Rehabilitation: Its Phytoremediation Potential in Constructed Wetland".

Usher | August 2019 | **Big Bad Wolf- Cebu** | Volunteer

*Responsibilities: Collect and return stray books and unused trollies. Answer customers' queries regarding the event and book locations.

Facilitator | May 2019 | **64th Philippine Chemistry Congress** | Volunteer

*Responsibilities: Guide and answer participants' queries regarding the event.

Analyst | April - June 2018 | **Ostrea Mineral Laboratories, Inc.** | OJT

*Responsibilities: Analyze biochemical oxygen demand, dissolved oxygen, hexavalent chromium, sulfates, nitrogen oxides analysis and etc.

Facilitator / Demonstrator | April 2019 ; November 2017 ; October 2017 | **Chemistry Students' Association: Chemistry Road Show** | Volunteer

*Responsibilities: Demonstrate the laboratory technique or specific experiment assigned to me. Guide and answer questions of the participants.

Head Organizer / Demonstrator | August 2015 - March 2016 | **Chemical Engineering Club: Adopt a Community 2015-2016** | School Organization Position and Volunteer

*Responsibilities: Plan, organize and facilitate all the activities concerning the adopted community, GK Budlaan, all throughout the term.

President / Music Teacher | December 2010 - March 2013 | **Abellanian Dandelions** | School Organization Position and Volunteer

*Responsibilities: Organization management. Make standardized lesson plans to be followed by other volunteer teachers. Teach basic music theory and how to play the instrument pianica to new members.

Music Teacher / Staff | April 2013 - December 2017 | **NPO Seven Spirit Inc.** | Part time

*Responsibilities: Teach basic music theories, note reading and the playing of different instruments to students of ages 6-19. Assist in all other necessary chores required.

CHARACTER REFERENCE

Dorothy Fortuna

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