16 December 2020

EUSEBIO R. LINA, JR.
Department Head
Department of Mathematics and Physics
Visayas State University
Visca, Baybay City, Leyte

Mr. Lina:

My warmest greetings!

I am writing this letter to **apply for the position as a Physics Instructor** for the second semester of AY 2020-2021 at the Visayas State University. I am a BS Physics graduate from the University of the Philippines - Diliman and a member of the Condensed Matter Physics Laboratory (CMPL) - Semiconductor Research Group at the National Institute of Physics. I will be pursuing graduate studies in medical physics at the University of Santo Tomas, Graduate School this August 2021.
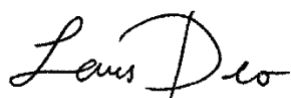
My undergraduate study focused on the device fabrication of a one-micron gate length AlGaAs/GaAs high electron mobility transistor (HEMT) through photolithography. HEMT devices have applications in radio frequency (RF) technology and microwave communications. A major part of my work in the lab was on ultra-high vacuum metal deposition. I was trained in Au, AuGe, and Ni deposition on a variety of semiconductor wafers through resistive thermal vaporization and electron-beam techniques. I wish to impart what I have learned from my experiences in the lab to hopefully inspire students to further pursue careers in science and technology.

While finishing my undergraduate degree, I had worked as a home-based tutor in Math and Physics for senior high and college students. My background in research, coupled with my experiences as a tutor, would help me thrive in this position, but I am always willing and eager to learn new skills.

Included in this letter are my resume and other documents for information regarding my qualifications. Should there be any questions, please leave a message on any of my contact details.

Thank you for your time. I look forward to becoming a part of VSU.

Sincerely,

THEO VICTOR A. CAVITE
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