



Bryant Nguyen:

I graduated from San Jose States Chemical Engineering program in 2021. During my last semester, I began my career as a technician for a gene synthesis manufacturing company called Twist Bioscience in South San Francisco. I was there for about 2 years until the company had restructured and moved operations to Oregon. As a technician, I was responsible for manufacturing high-quality custom products, operating automated liquid handlers, use of cell biology and molecular processes and techniques, troubleshooting deviations, and train new hire technicians.

I found an opportunity from an alumna at San Jose State looking for a consultant engineer to support a staff aug project for BioMarin. My key responsibilities are to provide support on cleaning and sterilization validation projects for process equipment, and commission and qualify new equipment/parts to production facilities.



Jozel (M.S. Materials Engineering, '23) is a Senior Member of Technical Staff at QuantumScape Battery Inc. in San Jose, where he works as a project manager and characterization lead for next-generation all-solid-state battery technology. Since joining QuantumScape in 2019 as an R&D Technician, he has progressed through several roles, building experience across physical, chemical, and electrochemical characterization techniques used to evaluate solid-state battery materials and inform process and design decisions.

At SJSU, Jozel's graduate research focused on coating TiO₂ (B) nanorod anodes to mitigate catalytic water splitting behavior in aqueous-based batteries. The work was supported by the Student Research, Scholarship, and Creative Activity (RSCA) program. The project poster was presented at the university's annual research symposium and later published in *Frontiers in Chemistry*.

He is glad to connect with fellow alumni interested in battery technology, materials characterization, or project management in R&D.