

Jackson Sheppard

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Data analyst with a B.S in physics from UC Santa Barbara and certificate from the UC Berkeley Extension Data Analytics Boot Camp. Experience in a collaborative software development environment as a controls engineer at SLAC National Accelerator Laboratory. Skills include Python, SQL, MongoDB, JavaScript/HTML, and PLC programming (Beckhoff). Worked with a molecular dynamic group at UCSB using Python to clean peptide assembly data for a variational autoencoder trained to characterize amyloid aggregation and create latent space visualizations. Developed PLC and Python expertise at SLAC to deploy motion controls for the Offset Mirror System, interfacing with hardware through multiple software layers using a testing-driven approach. Highly organized with experience balancing multiple responsibilities and a dedicated learner with a passion for problem solving. Quantitative analysis experience in a variety of technical environments therefore makes me a valuable addition to any data analytics team.