|  |  |
| --- | --- |
| Bilal Ezouaouy | **(347) 634-5453**  BilalEzouaouy@gmail.com |
| EDUCATIONBrigham Young University – Idaho *Mechanical Engineering* Graduation: 2023 EXPERIENCEEngineering System Solutions (ES2) *Bim Designer* Aug 2022 – Aug 2023 Through my experience at ES2, I have acquired a diverse range of skills and knowledge as I continue to grow and learn. I have become proficient in setting up projects in the cloud and smoothly transitioning them to the design development phase for both mechanical and plumbing. I have developed competence in using Traine for accurate calculations of heating and cooling loads. I applied Title 24 guidelines to ensure energy efficiency for projects in California. I also utilized COMcheck to meet energy code compliance assessments. By leveraging Excel spreadsheets, I can calculate ventilation, exhaust, and dedicated outside air system needs, as well as design plumbing systems. Last and not least, I have the ability to select and schedule mechanical and plumbing equipment, ensuring their alignment with project requirements. Engineered Systems Associates (ESA) *Bim Designer*May 2021 – Dec 2021 Working at ESA gave me the opportunity to learn how to develop full sets of mechanical and plumbing drawings on both Revit and AutoCAD. During my internship I gained more knowledge about HVAC and plumbing designs, codes, and standard practices. With the help of Senior drafters and engineers I learned how to coordinate with architects, other engineers, and clients to produce the best work possible and ensure satisfaction. BYUI Architecture and Construction Management Services *Drafter*Jan 2021 – Apr 2021 I worked alongside my supervisor on redesigning the Student Activities Center to make the space more accessible. Some of my duties on the job included checking construction sites and measuring building dimensions, modeling both new and existing projects on Revit, participating in meetings, and handling RFI to clarify information gaps in construction documents. | HARD SKILLS SolidWorks  AutoCAD  Revit  Trace 3D  Title 24  Sketchup  Excel  SOFT SKILLS  Good communication skills  Critical thinking skills  Hard working  Creative  Rapid learner LANGUAGES English  French  Arabic  Russian |