

# ELDANA NIYETBEK

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## PROFESSIONAL EXPERIENCE

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**AG Kunz**, San Francisco, CA

Mar 2020 – Aug 2021

### *Design Engineer*

- Created and maintained a Revit master model of multi-discipline models and various CAD/BIM platforms that prevented discrepancies between trades in the early stages of the design
- Coordinated MEP systems with building components efficiently to help identify and resolve conflicts prior to installation
- Reviewed inconsistencies between P&IDs and a BIM to ensure quality control of project deliverables
- Participated in weekly meetings with cross-disciplinary teams, encouraging feedback, and making changes based on the input
- Developed parametric 3D models considering DFMA principles that helped to identify flaws in new subassembly and parts models prior to production and avoid rework

**Berlin Food and Lab Equipment**, San Francisco, CA

Apr 2019 – Mar 2020

### *Mechanical Designer*

- Managed all phases of the design process for multiple residential, biotech, and food industry products, parts, assemblies and subassemblies, including drafting, BOM, GD&T, and documenting results
- Performed stress and failure analysis of given mechanical parts to verify the reliability of designed parts, ensuring the delivery of quality products
- Designed mechanical parts for the manufacturing department using AutoCAD and SolidWorks, provided high quality rendering used to create realistic images and animations for clients
- Led coordination between engineering and manufacturing departments to accelerate product readiness

**Insight Global**, San Francisco, CA

Sep 2018 – Apr 2019

### *Quality Control Engineer*

- Performed visual QA/QC of underground utilities and evaluated cross bore sewer inspection videos to ensure specific inspection criteria were followed
- Verified inspection data meet defined standards and record observations identified during video review to prevent any inconsistencies in the physical structure of the pipeline and field data
- Reviewed and analyzed specifications of various pipe features and components to ensure compliance with California state codes and regulations
- Fulfilled requests to change or update maintenance plans and equipment for a specified area in SAP to ensure assets in the system were maintained on schedule

## EDUCATION

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**San Francisco State University**, San Francisco, CA

May 2018

Bachelor of Science — Mechanical Engineering

- **Activities:** Member of President's Leadership Fellows Program SFSU, SWE, ASME

## SKILLS & OTHER

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**Skills:** Solidworks, CATIA, Inventor, AutoCAD, Revit, Navisworks, Pro-E, NX, FEA, SQL, Python, MATLAB

**Certifications:** Studying for EIT