

Mark Sloan

Mechanical Engineering

📍 Harrisburg, Pensilvânia

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ABOUT ME

Practical and versatile mechanical engineer with significant experience collaborating on the troubleshooting process. Professional history includes a variety of technical position ensuring a down-to-earth approach to project management.

WORK EXPERIENCE

Mechanical Engineer

TechUSA
2010 – 2014

- Implemented Autodesk Revit to create computer-aided designs;
- Managed 8 projects with an individual budget of over 14 million and ensured that the legal and technical requirements have been met.

Mechanical Engineer

Kinects Ceramics
2015 – 2020

- Designed and developed piezoelectric technology for clients in a variety of sectors;
- Supervised and lead a team of 12;
- Coordinated employees and resources throughout the entire product cycle.

EDUCATION

M.S IN MECHANICAL ENGINEERING

Harvard University
2009 – 2015

- Microelectromechanical System
- Material Selection for Mechanical Engineers
- Electromechanical System Design
- Engineering Optimization

B.S IN ELECTRICAL ENGINEERING, POWERSYSTEMS CONTROL

Drexel university
2014-2019

INTERESTS

Astrophysics
Renewable Energy
Electric Vehicles
Artificial Intelligence

SKILLS

Time Management

Technical Documentation

Mathematics

Communication

Project Management

Leadership

TECHNICAL SKILLS

- Computer-Aided Design
Autodesk, Revit, Building Information Modeling, Energy Modeling Programs, Autocad.

- Computing
MS Office, Intermediate Python

- Legal Knowledge
City of Philadelphia Building Codes

- Project Management
Scrum, Agile Methodology, MeisterTalk, Trello, Work Breakdown Structures, Budgeting.