

Sophie William

Electrical Engineer

Contact

Harrisburg, Switcher land

6699 - 303 - 5455

engineer@tech.com

Education

B.S in Electrical Engineering, Power

2005 – 2009

Drexel University

GPA 3.64

M.S in Mechanical Engineering

2009 – 2010

Harvard University

GPA 3.94

Key Skills

- Time Management
 - Communication
 - Mathematics
 - Project Management
 - Leadership
 - Technical Documentation
 - Experience in testing and diagnostics
 - Knowledge of schematic design
- Ability to supervise team in aircraft construction and testing

Objective

10 years+ experience Practical and versatile Mechanical Engineer with significant experience collaborating on the troubleshooting process. Professional history includes variety of technical positions, ensuring a down-to-earth approach to project management.

Experience

Mechanical Engineer

2018 - 2020

TechUSA

- Assessed 60+ project requirements for correct and accurate information to guarantee first-time results
- Implemented Autodesk Revit to create computer-aided design.
- Managed 8 project with an individual budget of over 12million and ensure that the legal and technical requirements have been met.
- Capacity to clearly explain technical concepts to non-technical audiences.

Mechanical Engineer

2015 - 2018

Kinect Ceramics

- Designed and Developed piezoelectric technology for clients in a variety of sectors.
- Supervised a lead of 12.
- Coordinated employers and resources throughout the entire product cycle.
- Collaborated with 100+ clients and managers to produce budgets, time limits, and specifications for a variety of projects
- Evaluated 50+ products and designs to ensure quality and safety

- 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, Meister Talk, Trello, Work Breakdown Structure

Interests

Programming

Coding

Exercise

Languages

English

Germany

Russian

Teaching Assistance

2010 - 2014

Carnegie Mellon University

Provided learning and support and management to 100+ students.

- Write LabVIEW code for FPGA and work on analyzing and debugging code for all applications