

Scott Kevern

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EDUCATION

B.S. Degree, Mechanical Engineering

-The Ohio State University, Columbus, OH

2014-2018

GPA: 3.72

WORK HISTORY

Cover Technologies

Los Angeles, CA

Senior Mechanical Engineer (January 2020 – Present)

- Responsible for the design, engineering, manufacturing, and installation of several systems in a high-end modular building system for backyard homes.
- Specialization in hydronic heating & cooling, windows and doors, low voltage controls and security.

Mechanical Engineer (June 2019 – January 2020)

Associate Mechanical Engineer (January 2019 – June 2019)

Boss Display

Columbus, OH

Design Engineer (May – August 2018)

- CAD Design of 4 Interactive Water / Ball Exhibits for Children's Museums & Science Centers
- Prototyping of Electrical and Mechanical Hardware for Various Exhibits & Interactives

Tesla Motors

Fremont, CA

Drive Unit Quality Engineering Intern (May – August 2017)

- Root cause analysis on S/X field failures: utilizing NVH data, Torque studies, CMM data, Hipot testing and other techniques to identify a variety of Drive Unit and Inverter failure modes.
- Created data analysis tools in Python/SQL/Tableau to catch & monitor critical quality defects & push process improvements to Model S/X Drive Unit production teams.

Toyota Motor Engineering and Manufacturing North America

Erlanger, KY

Production Engineering – Powertrain Co-op (August – December 2016)

- Support new model engine/transmission bench up activities for dynamometers at KY & WV plants.
- CAD of tools/jigs/fixtures utilizing GD&T skills for CMM, quality, and manufacturing applications.

Honda of America Manufacturing – Engine Plant

Anna, OH

Ferrous Manufacturing – Mechanical Engineering Co-op (May – August 2016)

TECT Power (Turbine Engine Components Technologies Corporation)

Cleveland, OH

Mechanical Engineering Intern (May – August 2015)

SKILLS

- Python/SQL
 - Solidworks
 - KiCad
 - MatLab/C++
 - CAD Design & Drawing
 - Controls & PCB Design
 - Data Science
 - Mechatronic Design
 - Team Leadership & Project Management
 - Analytical & Creative Design-Thinking
 - Hydronic Heating & Cooling Systems
 - Design for Manufacturing / Assembly
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AWARDS/MISC.

- Won OSU Makeathon 2017 – Velodroid
 - Fastest Perfect Run of 63 Teams in OSU Honors Engineering Robotics Competition
 - 2nd Place in Toyota Co-op Showcase
 - Employee of the Week – Tesla Drive Unit
 - Received "Best JavaScript Implementation" Award– OSU Hackathon 2015
 - Interest in DIY CNC Plotters & Robotic Art
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