

# Spencer Cook

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## Education

**B.S. Mechanical Engineering | University of Wisconsin-Madison | Sep. 2016 – Dec. 2020**

- GPA: 3.752/4.000

## Certifications

- Lean Six Sigma Yellow Belt, PSIA - AASI Snowboard Instructor Level 3, PSIA - AASI Freestyle Specialist Level 2

## Work Experience

**Customer Project Engineer I | SICK Sensor Intelligence | Jun. 2021 – Present**

- Lead system project engineering support for the FedEx key account
- Design automated systems for package barcode scanning, dimensioning, and weighing
- Coordinate with internal safety, software, electrical, and mechanical teams to meet the customer's needs
- Support domestic and international complex sales featuring new solutions and 3<sup>rd</sup> party materials
- Manage projects in Central and South America with SAP ERP
- Travel to customer sites for system engineering consulting and installation support

**Snowboard Instructor | Copper Mountain | Dec. 2022 – Apr. 2023**

**Online Instructor | iD Tech Camps | Jun. 2020 – Dec. 2020**

- Taught project-oriented Computer Science lessons to kids through Zoom in Python and Minecraft

**Snowboard Freestyle Director/Instructor Trainer | Tyrol Basin | Dec. 2018 – Apr. 2020**

- Coached the Tyrol Basin Freestyle Snowboard Team
- Led instructor training clinics

**Manufacturing Engineering Co-op | Mercury Marine | Jan. 2019 – Aug. 2019**

**Fabrication Teaching Assistant | UW-Madison College of Engineering | Sep. 2018 – Dec. 2018**

## Engineering Skills

- Project Management
- Process Engineering
- SAP ERP
- Microsoft Excel
- Lean Six Sigma Manufacturing
- CNC Machining
- GD&T
- CAD/CAM
- SolidWorks
- AutoCAD
- EPLAN
- MATLAB
- Python