Connor Thomas Green

Contact

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Education

Harvard University 2014-2018
S.B. Mechanical Engineering
Norwegian Masters equivalent
Cumulative GPA: 3.6

Key Skills

Native English
Fluent Norwegian

CAD/CAM/FEA

Inventor (10+ yrs)
Solidworks (6 yrs)
Simens NX
AutoCAD
ANSYS
Abaqus
Nastran
Fusion
MasterCAM
COMSOL

3D Printing

Programming

Matlab
Microsoft SSMS & Access
Python
C

Part Time Watchmaker

Full time tinkerer

Work Experience

2025 - Present
Special Product Designer • Silent Tools • Sandvik Coromant
Special Product Creation

- Designed, tested, and created manufacturing documentation of special silent tools for turning and milling

2018 - 2025
Product Engineer • R&D Skis • Madshus AS
Product development highlight – 2024 Redline Series

- Reduced weight by 20%
- Decreased prime costs 18%
- Responsible for all design and documentation

Product line development – knowing the consumer

- Transitioned the 2021 ski line strategy from “good-better-best” to a “best product for each target user”
- Immediately led to test winning products in the recreational and overall segments from UTE and Dinside, respectively

Factory improvements – increasing efficiency and quality

- Developed an algorithm and accompanying app to increase the percentege of skis within tolerance from <30% to over 95%
- Built a progam to standardize cambers during production allowing for real-time adjustments and improved quality

Summer 2017
Internship • Silicon Wafer Metrology • Nanometrics

- Responsible for laboratory research and QC validation
- Solved an XY stage issue, improving optical precision 10x across the wafer surface to < 50µm

Summer 2016
Internship • Wireless Braking Rollerskis • Rollersafe AS

- Streamlined production and managed the testing program

Achievements

- Harvard Skiing NCAA Team Captain 2017-2018
- Member of the Order of the Engineer
- Winner of the ES51 Harvard Turf Wars Robotics Competition
- Researcher for Octopus Arm-Inspired Tapered Soft Actuators with Suckers for Improved Grasping published in Soft Robotics 2020