

# Connor Thomas Green

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## Education

### **Harvard University** Class of 2018

- Cumulative GPA: 3.6
- S.B. Degree in Mechanical Engineering
- Research contributor to: Octopus Arm-Inspired Tapered Soft Actuators with Suckers for Improved Grasping, published in Soft Robotics 2020
- Harvard Skiing team captain for the 2017-2018 season
- 4-times member of the USA National All-Academic Ski team

## Skills

**Languages:** English, Norwegian Bokmål, Matlab, and some Python and C

**Computer Application Experience:** Autodesk Inventor, SolidWorks, ABAQUS, COMSOL, SQL, Mastercam, Various 3D slicers

## Work Experience



### **R&D Product Engineer at Madshus AS** August 2018 - Present

- Coordinated with the race department to develop prototype skis for our World Cup athletes
- Designed and built tools, both physical and software, to improve product quality control throughout the manufacturing process
- Improved our product design and production processes to reduce weight in our flagship product by over 25%, improved strength over 20%, and decreased our unit production costs

### **nano Intern at Nanometrics (now Onto Innovation)** Summer 2017

- Performed research to discover and fix critical issues in two of our thin film spectroscopy devices, which were both core products for my division of Nanometrics
- My work directly led to changes in the XY stage assembly which provided positional repeatability that allowed for one silicon wafer recipe to be transferred across multiple machines, increasing repeat sales to existing customers as they no longer had to re-create wafer recipes on each unique machine they operated



### **Technical Assistant at RollerSafe AS** Summer 2016

- Provided technical and design support in developing products at a startup
- Designed quality control devices to test prototypes

### **Private Tutor** 2014 -2018

- Provided tutoring in physics, math, writing, and SAT exam preparation
- I learned how to effectively communicate with students from different backgrounds and skill levels, and to adapt my teaching style accordingly



### **Machinist Assistant at Global Precision Products** Summer 2013

- Operated and maintained Swiss-style CNC lathes
- I gained experience in the use of physical and optical metrology tools