

# DANIEL MCGINN

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## EDUCATION

### Tufts University, Medford MA

Master of Science in Mechanical Engineering, Expected May 2019

- GPA: 3.67/4.0
- Core concentrations: digital controls, advanced dynamics, design

Bachelor of Science in Mechanical Engineering, May 2018

- Magna Cum Laude, GPA: 3.53/4.0
- Minor in Engineering Management

### University of Auckland, New Zealand

Semester Study Aboard Program, 2017

## CERTIFICATIONS & SKILLS

- Certified SolidWorks Professional (CSWP)
- C++
- Python
- Lean Six Sigma Black Belt  
(Certified by Tufts Gordon Institute)
- Matlab
- LabVIEW
- Microsoft Office Suite & VBA
- General Machining

## WORK EXPERIENCE

### DASSAULT SYSTÈMES

August 2018 – May 2019

- SOLIDWORKS Product Definition Internship

### TUFTS CENTER FOR ENGINEERING EDUCATION & OUTREACH

May 2018 – August 2018

- Developed prototypes that display dynamic data in augmented reality
- Supervised undergraduate researchers

## PROJECTS

### Low Cost Fatigue Testing Machine – Senior Design Project

- Designed and built a fatigue testing machine for a startup company in India that manufactures modular roofing tiles for slum and village homes

### Intravitreal Drug Delivery Device

- Co-Invented a surgical device used to inject drugs into a patient's ocular cavity
- International Patent Application Publication Number: WO2019018367A1

## AWARDS & PROFESSIONAL ORGANIZATIONS

- Tufts University 2018 O'Leary Design Award
- ASME, Member Since 2017
- Eagle Scout