

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

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

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

WORK EXPERIENCE

DASSAULT SYSTÈMES

- Product Definition Internship, SOLIDWORKS R&D

TUFTS CENTER FOR ENGINEERING EDUCATION & OUTREACH

- Developed prototypes that display dynamic data in augmented reality in liaison with PTC
- 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-Inventor of a surgical device used to inject drugs into a patient's ocular cavity
- Patent Pending

AWARDS & PROFESSIONAL ORGANIZATIONS

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| ▪ Tufts University O'Leary Design Award | ▪ Eagle Scout |
| ▪ ASME, Member Since 2017 | |