

DANIEL MCGINN

57 Dartmouth St. Apt. 2, Somerville, MA 02145 | (978) 395-6564 | Daniel.McGinn@Tufts.edu

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

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

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

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