

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 control, 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

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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 |
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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 in liaison with PTC
 - Supervised Undergraduate Researchers
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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
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AWARDS & PROFESSIONAL ORGANIZATIONS

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