

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

- 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