

# JOSEPH R. KRISTOFIK

Mathematics / Biomedical Engineering



## Contact

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## Computing

Mathematica

★★★★☆

MATLAB

★★★★☆

Multisim

★★★☆☆

Python

★★★☆☆

R

★★★☆☆

Java

★★★☆☆

## Education

2016 B.S. in Mathematics Michigan Technological University

2016 B.S. in Biomedical Engineering Michigan Technological University

Senior Design Project:

BlueTooth Low-Energy as an Implantable Interface

Evaluated the potential in-vivo performance of BTLE communications in implantable medical devices.

GPA:  3.12/4.00

## Experience

Sumr 2015 **Terumo Cardiovascular Systems** Ann Arbor, Michigan  
Engineering Intern (HLM Hardware)

- In the Heart-Lung Machine Hardware division, performed product life-cycle durability testing
- Designed & implemented a lab study to analyze an in-field complaint, produced relevant lab data, and prepared a report detailing findings

Sumr 2014 **Terumo Cardiovascular Systems** Ann Arbor, Michigan  
Engineering Intern (PMO)

- In the Project Management Office, verified compliance of documentation with the company quality system
- Tracked & forecasted projects' progress
- Categorized suppliers based on project relevance

## Awards

2013 Certificate of Merit in MA1910: Exploring Symmetry Groups  
Awarded by mathematical sciences department of MTU for notable contributions to course material and subject discussion

2011 **Ilitch Charities College Scholarship** Ilitch Charities  
Awarded by demonstrating combined academic & athletic success playing in the Little Caesars Amateur Hockey League.

## Co-Curricular

2014-16 President Undergraduate Mathematical Society of MTU

2013-14 Secretary Apartments' Residence Council