**Rachael Washburn**

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# Professional Objective

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| To further the positive impact on personnel and patients in the medical field as a research and development engineer, with interest in emergency medicine and chronic care and a specific focus on physiology-device interface. |

# Experience

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| **Henry Ford Hospital, Detroit, MI** |  |
| Clinical Engineering Volunteer | Summer 2018- Current |
| Donated 20 hours/week to understand the users’ perspective of medical devices in the clinical setting. | |
| **Amazon Distribution, Brownstown MI** |  |
| Seasonal Sortation Associate | Summer 2017 |
| Effectively worked in a team to organize and ship packages to the correct location in a time sensitive environment. | |

# Education

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| --- | --- |
| **Wayne State University, Detroit MI** |  |
| Bachelor of Science | Expected May 2020 |
| Majors: Biomedical Engineering with Honors, Bioinstrumentation concentration | GPA: 2.9 |
| University Honors |  |

# Research and Outreach

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| **American Diabetes Association Ambassador** Raised funds and awareness for Type One Diabetes  Provides support for people with diabetes and their family members. |

# Professional Memberships

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| **BMES|** Bio-Medical Engineering Society | 2016-present |
| 2017: Secretary for WSU Chapter |  |
| **AAMI|** Association for the Advancement of Medical Instrumentation | 2017-present |

# Awards and Honors

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| **Wayne State College of Engineering** | |
| Department of Biomedical Engineering “Design Day” First Place Design | 2018, 2017 |
| For working in a team to design a solution to a problem related to health or medicine | |
| **Sea Scouts, BSA** | |
| Sea Scout Leadership Award | 2017 |
| For leadership displayed as youth Regional Boatswain | |
| Quartermaster Rank | 2015 |
| Project: Restored island to increase safety and enjoyment for boat club members and guests | |
| **Venture Scouts, BSA** | |
| Silver Award | 2014 |
| No project; Achievement of personal goals and debating ethics while displaying leadership | |
| **Girl Scouts** | |
| Gold Award | 2014 |
| Project: Diabetes Outreach and Education with global impact and sustainability | |

# Hobbies and Interests

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| Competitive Sailing | Running 5ks | FIRST Robotics |

# Skills

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| **Technical** | **Communication & Organization** |
| NX 10 Design Software | Leadership |
| MATLAB | Teamwork |
| Microsoft Office | Detail-Oriented |
| Some HTML coding | Effective Time Management |