

# Makenna Shaske

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## CAREER OBJECTIVE

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A motivated and detail-oriented engineer seeking a position in a fast-paced and goal-oriented organization. Coming with a diverse knowledge of physics and mathematics, and the ability to use creativity in design and implementation of engineering systems.

## PROFESSIONAL EXPERIENCE

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### **BENCHMARK ELECTRONICS, Arden Hills, MN**

*Test Development Engineer, Jun 2018 – present*

- Developed and executed functional testing portion of Owlet Band Test Development which included test design, documentation, SPC methods, LabVIEW and TestStand design/debug, verification & validation
- Executed efforts in multiple test systems of medical devices
- Advised interns on basic and internal functions of Benchmark processes
- Consulted with customers on needs and updates in projects, and applied such changes
- Provided manufacturing support internationally

### **UNIVERSITY OF WISCONSIN-EAU CLAIRE, Eau Claire, WI**

*Undergraduate Research Assistant, Sep 2017 – May 2018*

- Assisted on the Lake Michigan Ozone Study (LMOS) 2017, developing an unmanned air system (UAS) containing an integrated air quality sensor system to investigate the mesoscale meteorological event of Lake Michigan's lake-breeze front
- Created 2D and 3D graphical models of analyzed air quality data through use of MATLAB
- Presented research at local and national college research conferences (CERCA and NCUR)

## EDUCATION

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### **UNIVERSITY OF WISCONSIN-EAU CLAIRE, Eau Claire, WI (September 2015-May 2018)**

*Bachelor's degrees in Engineering Physics and Applied Mathematics*

- GPA: 3.31/4.0
- Involved in MakeUWEC STEM club, leadership positions in the Delta Zeta sorority, Kappa Mu Epsilon, executive board in Order of Omega, Math Club, Women in STEM, Society of Physics students

## TECHNICAL SKILLS

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|---------------------------|--|-------------------------------|
| • Microsoft Office        | • Debug/troubleshooting techniques       | • LabVIEW                     |
| • Test Method Development | • Software and hardware fault techniques | • TestStand                   |
| • Verification            | • Python                                 | • OrCAD                       |
| • Validation              | • Agile                                  | • Electrical schematic design |
| • Risk management         |  | • Technical writing           |

## SOFT SKILLS

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|------------------------|--------------------------------------|-------------------|
| • Self-starter         | • Work ethic                         | • Problem solving |
| • Detail-oriented      | • Time management                    | • Quick learner   |
| • Creativity           | • Ability to work under pressure     | • Communication   |
| • Leadership           |                                      |                   |
| • Adaptability         | • Ability to work alone or in a team |                   |
| • Interpersonal skills |                                      |                   |

