

# Paula Van Camp

paula.vancamp@marquette.edu | (314)-249-4415  
1755 N Arlington Pl Milwaukee WI, 53202

## OBJECTIVE

Obtain Master of Industrial Design to further develop skills in creativity, design, and technology development

## EDUCATION

**Marquette University** in Milwaukee, WI

May 2020

- Bachelors of Science Degree in Computer Engineering
- Concentration in Engineering Leadership

GPA: 3.621/4.00

### **Excellence in Leadership**

- Three-year curricular innovation leadership development program focused on leading oneself, leading with others and leading innovation.
- Completed retreats and workshops: The Institute, Adversity Quotient, Fierce Conversations, and Innovation Bootcamp

## ENGINEERING EXPERIENCE

**Engineering Design Intern at Husco** in Waukesha, WI

May 2019 - Present

- Updates web app used for customers to log data and modify system parameters
- Implemented web-based interface for automating and controlling off-highway equipment
- Developed Simulink hardware models of for automating system software tests

**Engineering Co-Op at EmbedTek** in Waukesha, WI

Jan 2018 - Dec 2018

- Designed custom cables and selected components for specialized computer systems
- Assembled computers and validated system designs through environmental and efficiency testing
- Performed additional tasks as needed, including soldering, circuit prototyping, and hardware inventory

## MARQUETTE WORK HISTORY

**Engineering Student Ambassador at Marquette** in Milwaukee, WI

Jun 2017 - Present

- Represents the College of Engineering through guided tours of the facilities and recruitment events

**Girls Who Code Level 2 Instructor at Marquette** in Milwaukee, WI

Aug 2016 - May 2019

- Taught web development languages and concepts to class of 15 middle/high school girls weekly
- Compiled relevant web-development content into a 1-year curriculum and final deliverable

**On-Site Coordinator for Marquette's Institute Retreat** in Lake Geneva, WI

Jan 2018 - Jan 2020

- Coordinated logistics of 6-day, leadership development retreat designed by Leadershape®
- Moderated panel of experienced industry leaders and worked with retreat staff

**Engineering Tutor at Marquette** in Milwaukee, WI

Jan 2018 - May 2019

- Tutored engineering students enrolled in Digital Electronics several times each week of spring semester

## SKILLS & LANGUAGES

C	C++	Git	Java	JavaScript
SQL	CSS	HTML	VHDL	Assembly

## ACTIVITIES & PROJECTS

**Revive Co-founder**

Sep 2018 - Present

- Plastic recycling workspace for Marquette community that creates products made from campus-collected plastics in order to make the recycling process more transparent
- Raised funding through competitions and pitches to purchase Precious Plastic machines and molds

**Senior Design Capstone**

Sep 2019 - Present

- Global disease advisor app for preventing the contraction and spread of diseases
- Uses ArcGIS maps, ionic hybrid framework, and angular language

**Embedded Systems Design Project**

Sep 2019 – Dec 2019

- Digital Kaleidoscope with LCD interface on LandTiger board and Android App
- Developed with Keil IDE, Bluetooth module, and Android studio IDE

## RECENT HONORS

**Deans List**

Fall 2015, Spring 2017, Fall 2017, Spring 2019, Fall 2019

- Finished the semester with a 3.5 or better grade point average while completing 12 or more credits

**Featured Panelist on Innovators on Tap Podcast**

Oct 2019

- Spoke with host, Chuck Swoboda, and 2 other panelists about [solving problems that don't exist yet](#)

**Second place in Husco Intern of the year competition**

Aug 2019

- Presented completed software projects to company executives and 40 additional interns

**Recipient of 4-Year Engineering Explorer Scholarship**

- Showed commitment to the college and high potential to positively change the world of engineering