Paula Van Camp

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OBJECTIVE

Seeking entry-level computer engineering position at company with vibrant culture and dedication to innovation

EDUCATION

Marquette University in Milwaukee, WI
May 2020
Bachelors of Science Degree in Computer Engineering
Concentration in Engineering Leadership
GPA: 3.621/4.00

ENGINEERING EXPERIENCE

Engineering Design Intern at Husco in Waukesha, WI
- May 2019 - Present
- Updates code repositories and organization using Azure tools
- Implemented and maintains HMI web application for automating and controlling off-highway equipment
- Develops 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

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

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
- Lead problem solving activities to promote active learning and understanding of class content

On-Site Coordinator for Marquette's Institute Retreat in Lake Geneva, WI
- Jan 2018, Jan 2019, Jan 2020)
- Handled logistics of 6-day, leadership development retreat designed by Leadershape©
- Coordinated teambuilding and design-thinking activities for participants
- Moderated Panel of experienced industry leaders

SKILLS & LANGUAGES

C	C++	Java	JavaScript	Angular
SQL	CSS	HTML	Assembly	Python
Git	VHDL	Microsoft	Creativity	Strategic Thinking

PROJECTS AND ACTIVITIES

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

E-Lead
- Three-year, curricular leadership and innovation program for engineering students with a healthy disregard for the impossible and capacity to create positive change in the world
- Completed workshops and retreats including: The Institute, The Adversity Quotient, Fierce Conversations, and Innovation Bootcamp

Revive Co-founder
- Closed-loop plastic recycling workspace for Marquette community members
- Raised funding through design competitions, set up workspace with Precious Plastic machines, and works with facilities to collect campus plastics

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

Second place in Husco Intern of the year competition
- Presented completed software projects to company executives and 40 additional interns

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

Winner of the 2018 Husco Be Bold Challenge
- Given a business proposal, worked with a team to find an innovative solution while navigating problems

Recipient of 4-Year Engineering Explorer Scholarship
- Showed commitment to Marquette and high potential for success as an engineering student

Featured Panelist in episode of Innovators on Tap