Sam Rothlisberger

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Undergraduate student at Marquette University, majoring in Electrical Engineering. Skilled in LabVIEW, CAD (Computer Aided Design), JAVA Programming Language, and HTML/CSS. Looking to continue higher education while applying progressing knowledge toward real life engineering tasks.

Professional Experience

ARDAGH GROUP INTERNSHIP, ELK GROVE, IL

*Lab Assistant/ Electrical Engineering Intern, Summers and breaks 2016-current*

* Anton Paar machine carbon dioxide and dioxide levels analysis to determine can corrosiveness
* Electrochemical evaluation of corrosion using Gamry machine
* Bench test with uncoated and un-epoxied cans, holding different beverages ranging from alcohol to juice
* Electrical schematic creations/ updates via CAD
* Assisted in electrical panel assembly and implementation
* Contactors, relays, breakers

ELECTRICAL ENGINEERING UNDERGRADUATE RESEARCH, MILWAUKEE, WI

*Research Assistant during 2019/2020 school year*

* Verified power measurements for eventual DC-DC power supply change to robot.
* Researched and recommended parts

Education

MARQUETTE UNIVERSITY, MILWAUKEE, WI (THIRD YEAR)

* Bachelor of Science Degree in Electrical Engineering
* Minor: Military Science and Leadership
* Overall GPA: 3.63/4.00
* Anticipated Graduation year: 2020

HARPER COMMUNITY COLLEGE (SUMMER CREDIT CLASSES)

* Anthropology

Achievements

* National Merit Scholarship Corporation Winner in the competition of 2016
* Rear Admiral Louis M Smith Scholarship Winner in the competition of 2018
* Leader of winning team of Fall 2016 and Spring 2017 Freshman student Engineering design projects
* Winner of ‘best entrepreneurial aspect’ award for Spring 2017 renewable energy project
* Graduation from Basic Cadet Training at Fort Knox, Kentucky in the Summer of 2018
* Received ‘Society of Military Engineers’ award for outstanding performance
* Mountain Warfare School in Vermont, Summer 2019

Clubs and Extracurricular Activities

* Army ROTC- Daily physical training, weekly classes, and biyearly retreats during the school year
* Buddy Ranger competition at Kansas University, Spring 2018 and 2019
* Ranger Challenge competition at Fort McCoy (1st place) and Fort Leonard Wood (1st place), Fall 2019
* Marquette Volunteer Corps (MVC)- Tutored kids first to eighth grade, Spring 2017
* JAVA Programming Language Tutor- Helped Freshman complete their homework and projects