

Brenton A. DeGeer

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Education and Honors

University of Michigan, Ann Arbor, MI

Sept 2014-Present

B.S.E. Electrical Engineering Class of 2018, GPA: 3.7/4.0

- *Relevant Coursework:* Solar Power, Mechanical Physics, Electromagnetic Physics, Introduction to Circuits, Electromagnetism, Digital Design, Systems and Signal Processing
- Dean's List
- University Honors List

Work Experience

Multidisciplinary Design Program

2016-Present

Hardware Team – Electrical Engineer

- Sponsored by the company BGM to design and implement a mobile application and hardware counterpart that utilizes NFC technology to control appliances
- One of two hardware-focused engineers on the project tasked to implement the NFC technology in a coffee machine

Column Technologies, Lombard, IL

May 2015-August 2015

Marketing Intern

- Organized a dozen tradeshow to help advertise the company's software products
- Created and distributed data sheets and additional content through marketing web campaigns
- Designed and wrote content for two product specific websites and assisted with the site launch
- Lead email campaigns for specific partner company products

Engineering 100 Final Project

2014

Team Member

- Leader of a team that designed and built a solar powered video game
- Individually responsible for the coding and wiring of the device along with the overall product design

Activities

Eta Kappa Nu Electrical and Computer Engineering Honor Society

2016-Present

- Member of the Eta Kappa Nu (HKN) Honor Society

Facilities Manager of Sigma Phi Epsilon Fraternity Michigan Alpha Chapter

2015-Present

- Responsible for fixing and addressing housing related issues
- Coordinate and oversee the food and cleaning services provided for house residents

University of Michigan Supermileage Team

2014-2015

- Current member of the engine team focused on designing and implementing the electric engine
- Former member of the driver interface and integration team focused on designing components directly controlled by the driver, e.g. steering wheel, brake, horn

St. Baldrick's Philanthropy Event

April 2015

- Participated in and raised money for the St. Baldrick's Foundation, individually raising over \$500 and collectively raised over \$40,000

Skills and Interests

Computer: Proficient in Word, Excel, PowerPoint, Java, C++, Matlab, Microsoft Dynamics

Interests: Downhill and Water Skiing, Scuba Diving, Soccer, Movies