BRAD SHERMAN

443 Fisher Hall, Notre Dame, IN 46556   bsherma1@nd.edu (734) 735-5716

EDUCATION

University of Notre Dame, Notre Dame, IN   **May 2018**
- o Bachelor of Science, Computer Science   GPA: 3.87/4.00

St. Mary Catholic Central High School, Monroe, MI   **June 2014**
- o Valedictorian   GPA: 4.64/5.00

WORK EXPERIENCE

College of Engineering, University of Notre Dame, Notre Dame, IN   **August 2015-Present**
- o STEM Ambassador: Act as a role model and mentor for freshmen through tutoring them, counseling them about future plans for their major, and directing them to other useful resources they can use to their advantage

St. Mary Catholic Central, Monroe, MI   **May 2015-August 2015**
- o Maintenance Staff: Worked collectively with a group to complete various tasks throughout the school

National Galvanizing Inc., Monroe, MI   **May 2014-August 2014**
- o Maintenance Staff: Ensured the smooth operation of the factory through the completion of daily tasks and learned how to designate responsibilities within a group of co-workers to be more efficient

PROJECTS

Introduction to Engineering 10111, University of Notre Dame, Notre Dame, IN   **Spring 2015**
- o Developed an NFL Game simulator using MATLAB with a group of four other peers, which decided winners based on an analysis of statistics from previous years such as points and yards per game
- o Required a strong knowledge of MATLAB, and the ability to think collectively as a group and choose which one of us had the best idea for a certain aspect of the project

Battleship Project   **Summer 2014**
- o Created a Battleship game on my own time using Python skills gained from courses at Codecademy.com
- o Designed, tested, and implemented new features such as a multiplayer option as my knowledge and abilities grew

LEADERSHIP POSITIONS

Mentor, College Mentors for Kids, Notre Dame, IN   **Fall 2015-Present**
- o Built a relationship with a child from the local elementary school in 2nd grade through multiple academic and social activities on campus
- o Gained leadership skills by teaching my little buddy about respect and the importance of education, while acting as a role model for him

Welcome Weekend Ambassador, Notre Dame, IN   **Fall 2015**
- o Facilitated the transitions of 65 freshmen into college during move-in weekend by showing them what life in Fisher Hall is like while answering any questions they had about college

Varsity Captain, SMCC High School, Monroe, MI   **Winter 2013-May 2014**
- o Voted captain senior year for both basketball and baseball
- o Led the team through adversity to achieve a collective goal
- o Gained the ability to motivate and inspire the players to get the best performances out of them

ACTIVITIES

- o Member, Computer Club
- o Participant, Intramural Baseball, Basketball, Volleyball
- o Member, National Honor Society
- o Class Treasurer, Student Council
- o Coach, Monroe Parks and Recreation Basketball Camp

VOLUNTEER WORK

- o Accumulated over 100 hours of service in high school from God Works!, Relay for Life, etc.
- o Participated in a service trip to Harlan, Kentucky to help build/fix blighted houses

SKILLS

- o Knowledgeable in Python, JavaScript, HTML/CSS
- o Will have knowledge and experience in C, C++, Unix, basic data structures and algorithms, and graphics by the end of this academic year