BRAD SHERMAN

443 Fisher Hall, Notre Dame, IN 46556 bsherma1@nd.edu (734) 735-5716
https://github.com/bradsherman www.bradleymsherman.com

EDUCATION

University of Notre Dame, Notre Dame, IN **May 2018**
- Bachelor of Science, Computer Science GPA: 3.92/4.00

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

WORK EXPERIENCE

Textron Unmanned Systems, Hunt Valley, MD **June 6, 2016-Present**
Software Intern
- Use security tools to scan assets and find security vulnerabilities
- Participate in remediating those vulnerabilities in order to meet government requirements
- Collaborate with peers and mentors to ensure the software is secure

College of Engineering, University of Notre Dame, Notre Dame, IN **August 2015-May 2016**
STEM Ambassador
- Acted as a role model and mentor for freshmen through tutoring them and counseling them
- Directed them to other useful resources they can use to their advantage

National Galvanizing Inc., Monroe, MI **May 2014-August 2014**
Maintenance Staff
- Learned how to designate responsibilities within a group of co-workers to be more efficient

PROJECTS

Charge Code Manager **Summer 2016**
- Designed a desktop application that keeps track of charge codes used to log time at work
- Used C++ and Qt to create an elegant GUI for the user to store their information

Website **Summer 2016**
- Created a website for myself in order to learn the basics of HTML, CSS, and Javascript/jQuery

Basic Unix for Engineers, University of Notre Dame, Notre Dame, IN **Spring 2016**
- Used python to build HTTP client and server programs, utilizing forking and inheritance

Fundamentals of Computing 2, University of Notre Dame, Notre Dame, IN **Spring 2016**
- Developed a program with a group using C++ that pulls stock data from the internet, and uses one of two different algorithms to decide which stocks to "buy" or "sell" for the day
- Coordinated separate work for each group member and used github for version control

Fundamentals of Computing 1, University of Notre Dame, Notre Dame, IN **Fall 2015**
- Recreated the classic "Donkey Kong" game using the C language and a crude graphics library
- Required strong knowledge of pointers, structs, arrays, etc

LEADERSHIP POSITIONS

Mentor, College Mentors for Kids, Notre Dame, IN **Fall 2015-Fall 2016**
- Built a relationship with a child from the local elementary school in 2nd grade through multiple academic and social activities on campus
- 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**
- 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

ACTIVITIES

- Member, Notre Dame Linux User Group
- Member, Notre Dame Women's Varsity Basketball Practice team
- Member, Notre Dame Club Basketball team
- Commissioner, Bookstore Basketball

VOLUNTEER WORK

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

SKILLS

- Proficient in C, C++, bash scripting, and Unix based systems
- Knowledgeable in Python, HTML, CSS, and Javascript/jQuery