

# William J. Markley III

wmarkley@nd.edu | (248) 720-9859 | 188 Waddington, Bloomfield Hills, MI 48301

## EDUCATION

### UNIVERSITY OF NOTRE DAME

*College of Engineering, Bachelor of Science in Computer Engineering*  
GPA: 3.82/4.0

Notre Dame, IN  
May 2018

### BROTHER RICE HIGH SCHOOL

GPA: 4.32/4.0

Bloomfield Hills, MI  
May 2014

## HONORS

BP Scholar

Dean's List: Fall 2015, Spring 2015, & Fall 2014  
National Merit Scholar Commended

Observer and Eccentric Media Academic All-Star  
AP Scholar with Distinction

## EXPERIENCE

### GOOGLE INC.

*Student Ambassador*

Notre Dame, IN  
Summer 2015-Present

- Attended Ambassador Summit in Mountain View, CA in July 2015
- Promote Google's mission and products in the Notre Dame community
- Coordinate and market Google's visits to the Notre Dame campus

### FUNDAMENTALS OF COMPUTING FINAL PROJECT

*Programmer*

Notre Dame, IN  
Fall 2015

- Created an interactive simulation of the board game BATTLESHIP in C
- Accomplished the simulation with 800 lines of code that included functions, arrays, and pointers
- Designed a graphics window that displayed the board, hits, misses, and pictures of the ships

### GIGOT CONNECTIONS, McCloskey Business Plan Competition

*Founder and Developer*

Notre Dame, IN  
Fall 2015

- Launched a platform to connect alumni teams and current students in the competition
- Developed a searchable Spreadsheet with GUI via Google Apps Script, a JavaScript based language
- Created Google Forms to assemble the database of over 135 interested students

### PENSKE AUTOMOTIVE GROUP

*Information Technology Intern, Application Development Team*

Bloomfield Hills, MI  
Summer 2015

- Developed IT solutions for the employees of a Fortune 200 company
- Collaborated with a team of 5 to complete projects affecting over 22,000 employees
- Analyzed company data to detect trends and optimize company resources

### INTRODUCTION TO ENGINEERING FINAL PROJECT

*Group Member*

Notre Dame, IN  
Spring 2015

- Created a Chess simulator in MATLAB with a functioning Graphical User Interface
- Designed offensive and defensive algorithms to direct moves
- Tested algorithms in order to determine their effectiveness

## LEADERSHIP

### BP DISCOVERY DAYS

*Selected Participant*

Houston, TX  
Summer 2015

- Developed leadership and teamwork skills with 25 other participants
- Learned the basics of the oil and gas industry from BP engineers

### BUSINESS ENTREPRENEURSHIP ALLIANCE

*President, Chief Financial Officer, Member*

Brother Rice High School  
2010-2014

- Coordinated local business owners and entrepreneurs to speak to the club
- Recruited close to 50 new members which doubled club membership

## ACTIVITIES

Notre Dame Society for Entrepreneurship, *Officer*  
International Market Watch, *Region Leader*  
Shamrock Leadership Series, *Selected Member*

Entrepreneurship Leadership Council, *Board Member*  
Computer Club, *Member*  
Notre Dame Sailing Team, *Athlete*

## SERVICE

Christ Child Society of Detroit, *Student Mentor*  
Kairos Jesuit Retreat, *Student Leader*

## SKILLS

*Programming Languages:* Proficient in C, Java, MATLAB; Experience in C++, Verilog HDL, VBA

*Operating Systems:* Linux, Unix, Mac OS X

*Computer Applications:* Quartus II, Microsoft Excel, PowerPoint, Word, LabVIEW, Creo