

Cory W. Jbara

443 Fisher Hall, Notre Dame, IN 46556

cjbara@nd.edu

coryjbara.com

(248)-520-5806

EDUCATION: **University of Notre Dame**
Bachelor of Science
Computer Science

Notre Dame, IN
May 2017
GPA: 3.80/4.00 – Dean's list 2013-2015

EXPERIENCE: **GE Healthcare**, Milwaukee, WI (Summer 2015)

- Led a team of 12 on the Internet Explorer 8 Browser Remediation project, directing the formal testing and validation of 15 applications for Internet Explorer 11
- Worked in a small development team, using Ruby on Rails web framework and Twitter API, creating a web interface for use at conferences to display questions and comments
- Built a program in Python to reduce the size of long URLs using the GE Short Link API, thus increasing my understanding of computer networking and API usage
- Gained knowledge of the development of larger software systems through projects, learning sessions, and discussions with GE colleagues

The Career Center, Notre Dame, IN (August 2014-September 2015)

- Connected corporate recruiters to resources necessary for their time on campus, and facilitated undergraduate student's career development through career coaching

Morgan Stanley, Farmington Hills, MI (Summer 2013, Summer 2014)

- Provided marketing and sales support to regional financial services group, managed prospect database, gained deeper knowledge of global wealth management industry

LEADERSHIP: **Fisher Hall President**, Notre Dame, IN (April 2015-Present)

- Organized and led monthly academic, social, service oriented, liturgical, multicultural, and athletic events for the residents of Fisher Hall and other students at Notre Dame
- Directed dorm government, appointing and leading commissioners, conducting dorm meetings, and managing dorm budget
- Provided a link between residents of Fisher and Hall Staff, promoting quality residence life

Hall Presidents Council, Notre Dame, IN (April 2015-Present)

- Collaborated with leaders of other residence halls to plan events, representing the interests of my constituents in Fisher Hall

Freshman Orientation Staff, Notre Dame, IN (Fall 2014, Fall 2015)

- Planned and led events for 54 incoming freshman, facilitating their transitions into college

Freshman Class Council, Notre Dame, IN (2013-2014)

- Fostered unity among the Class of 2017 through the coordination of social events, service activities, and fundraisers across campus

COMPLETED **For more detailed information on my projects, please visit my website: coryjbara.com**

PROJECTS: **PacMan** – Programmed the arcade game using the original algorithm for ghost movement (C)
Super Mario Bros – Built an object-oriented version of the classic Nintendo game (C++)
Lego Pet Robot Project – Designed, built, and programmed a robust robotic dragon (LABVIEW)
Texas Hold'em Simulator – Utilized algorithms and probability tables to assess strength of betting strategies over thousands of simulations (MATLAB)

CURRENT
PROJECTS: **MIPS Simulator** – Constructing a simulator for a MIPS computer architecture processor (C++)
ND Room Picks – Creating a web-based platform for students of Notre Dame to choose their on-campus rooms (PHP, SQL)
Compiler – Currently building a full compiler for a C-like language, including scanning, parsing, type checking and code generation (written in C)
Audacity – Contributing to the open source project Audacity, a cross platform sound recording and editing application; optimizing many of their algorithms to improve performance (C++)
Motivation App – Creating an iOS app that displays a new motivational quote every day (Swift)
CoryJbara.com – Designing and updating my website using HTML, CSS, Bootstrap, and jQuery