

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: 3.82/4.00 – 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 180 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)

- Represented Fisher Hall on 29 person council to foster 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: South Bend Map** – Used graph traversal to create driving directions around South Bend, IN (C++)

Compiler – Constructed a full compiler for a C-like language, including scanning, parsing, type checking and code generation (C)

ND Room Picks – Created a web-based platform for students of Notre Dame to choose their on-campus rooms (PHP, MySQL)

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 Ellie's Deli App – Creating a cross-platform online-ordering app for Ellie's Deli (Javascript, Swift)**PROJECTS: CoryJbara.com** – Designing and updating my website using HTML, CSS, Bootstrap, and jQuery