

# ELIZABETH L. GIDLEY

egidley@nd.edu | (703) 401-2117

## EDUCATION

**University of Notre Dame** | Notre Dame, IN May 2020  
Bachelor of Science, College of Engineering GPA: 3.1  
*Major:* Computer Science, *Minor:* Engineering Corporate Practice

**Ireland Inside Track** | Dublin and Galway, Ireland August 2017

## EXPERIENCE

**Ernst & Young** | McLean, VA May 2019 - August 2019  
*Technology Advisory Intern*

- Prepared and revised client deliverables (PowerPoint) for implementation of a Robotic Process Automation (RPA) Center of Excellence
- Participated in Intelligent Automation meetings with key stakeholders and company executives at least twice a week
- Adapted research on RPA core concepts to the specific business needs and values of the client
- Earned EY's intern-level learning badge for "Emerging Technology: RPA" by completing 20 hours of online courses and attending webinars, in addition to engagement experience

**Leidos** | Gaithersburg, MD May 2018 - August 2018  
*Procurement Engineering Intern*

- Contacted various software suppliers to request quotes and processed incoming quotes for a \$100 million proposal for the Department of Defense
- Collaborated on a team of five other interns to complete the time-sensitive proposal
- Utilized Microsoft Excel, including macros, vlookup, and specific formulas to efficiently analyze data
- Presented final project summary and observations to Strategic Sourcing VP and executives

## LEADERSHIP

**Case Studies in Computing-Based Entrepreneurship** | Notre Dame, IN August 2019 - Present  
*Teaching Assistant*

- Review students' business model presentations and analysis of guest speakers
- Provide feedback to professor on course materials and assignments

**College Mentors for Kids** | Notre Dame, IN March 2019 - Present  
*Vice President of Activity Planning*

- Oversee activity planning for three weekly activity days, ensuring the chapter meets national standards
- Recruit, train, and manage Activity Directors
- Coordinate logistics including reserving weekly meeting spaces, contacting guest speakers, and procuring supplies

*Activity Director and Mentor* September 2016 - March 2019

- Planned weekly educational activities that focus on higher education, community outreach, and careers for 30 local elementary school students
- Mentored a fourth-grade student and participated in group learning activities

## PROJECTS

**Client and Server Implementation** | Programming Paradigms December 2018

- Teamed up with three other project members to develop an API using data on tobacco usage demographics from the CDC
- Implemented a RESTful web service using this API to access data by relevant attribute
- Built an interactive web client using HTML and CSS to display tobacco usage trends by state, gender, and age

**Twitter Data Analysis** | Data Structures May 2018

- Collaborated with two others to design a final project that utilized Twitter's API to find trending topics by location
- Utilized Python and four different sorting algorithms to find key words
- Created a graphical user interface (GUI) to allow users to select a city and view the top tweets and trends from that city

## SKILLS & INTERESTS

**Technical:** Python, C/C++, Shell Scripting, JavaScript, CSS and HTML, Java, Scheme, Unix, Adobe Illustrator, InDesign, AutoDesk Inventor (CAD), L<sup>A</sup>T<sub>E</sub>X, MATLAB, Microsoft Office

**Interests:** Graphic Design, Photography, Cooking, Reading, Squash, Painting, Curling, Child Development