

ELIZABETH L. GIDLEY

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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 Summer 2019
Technology Advisory Intern

- Reviewed and revised client deliverables for implementation of a Robotic Process Automation (RPA) Center of Excellence
- Participated in meetings with key stakeholders and company executives twice a week regarding Intelligent Automation application
- Earned EY's intern-level learning badge in Emerging Technology: RPA by completing 20 hours of online courses and attending webinars

Leidos | Gaithersburg, MD Summer 2018
Procurement Engineering Intern

- Contacted various software suppliers for 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

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

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

- Oversees activity planning for three weekly activity days
- Ensures the chapter meets all national standards related to activity quality
- Recruits, trains, and manages Activity Directors
- Coordinates 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

COURSE 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), \LaTeX , MATLAB, Microsoft Office

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