Anna Elizabeth Go

anna.go@duke.edu | (919) – 520 – 3560 | linkedin.com/in/annaego

EDUCATION

DUKE UNIVERSITY, TRINITY COLLEGE OF ARTS & SCIENCES   **Durham, NC**
Bachelor of Sciences in Biology and Computer Science   May 2021
GPA: 3.90
Honors: Braxton Craven Scholar, National Multiple Sclerosis Society Scholarship, Trinity College Dean's List, Trinity College Dean's List with Distinction

EXPERIENCE

AMGEN   **Remote Work**
Information Systems Data Engineering Intern   June 2020 – August 2020
- Built a knowledge graph of internal workforce data for intuitive data consumption by business users
- Developed a data ingestion pipeline, leveraging SQL, Spark, and Amazon Web Services to ingest data into Amgen's Enterprise Data Lake and Data Fabric for access by user facing applications and consumption across business functions
- Created graph database of the workforce data through data cleaning, wrangling, and linking, modeling in RDF format, and building a user interface on top of the Enterprise Data Fabric
- Collaborated with a team working on a related dataset to create coherence and mitigate redundancy in the final knowledge graph
- Developed a business user friendly interface using for viewing and exploring internal workforce data, including semantic search functionality and graph visualizations

AXONIUS   **Tel Aviv, Israel**
Software Research and Development Intern   June 2019 – August 2019
- Collaborated closely with the Senior Solutions Engineer and Chief Technical Officer to develop features on an ad hoc basis as requested by current and prospective customers
- Developed an algorithm to search and compare software versions, implemented it in the backend and integrated it into the existing frontend search functionality, which was used by many customers to discover devices that needed security related software updates
- Implemented database searching and data parsing and correlation for public software vulnerabilities, allowing customers to discover and enrich data regarding vulnerabilities in their networks

DUKE UNIVERSITY   **Durham, NC**
Teaching Assistant for Computer Science   August 2018 – Present
- Taught a recitation of 20 students to reinforce key concepts and materials, explaining topics covered in lecture and enriching students' understanding of data structures, algorithms, and program efficiency
- Assist the other Teaching Assistants to grade 290+ students' exams, assignments, and labs, testing and reading code for accuracy, clarity, efficiency, and style
- Provide 2 hours per week of 1-on-1 help for students, which includes debugging code, clarifying assignment parameters, explaining concepts from lectures, and following up on previous help sessions

ACTIVITIES

DUKE UNIVERSITY CAMP KESEM   **Durham, NC**
Co-Director, Co-Coordinator of Operations   January 2018 – Present
- Transitioned in person summer camp to virtual platform for summer 2020, which included compiling and shipping materials for activity kits to 130+ campers, reaching out to camper families to track and encourage attendance, organizing and communicating 50+ online meetings' information, and developing new and meaningful programming for campers age 6-18
- Coordinated with Camp Kesem Nationals and Duke University to ensure adherence to Covid-19 related policies
- Volunteer as a counselor at a week-long summer camp for 160+ children whose parents are affected by cancer
- Individually raised $816, searched for and reserved a campsite to host Duke Camp Kesem, manage the chapter's inventory of over 1000 items, planned the daily schedule and activity rotations for camp, coordinate with Treasurer and Fundraising Coordinators to create and update the chapter's budget of $110,000
- Develop and carry out weather contingency plans at camp, coordinate and run full camp activities for 160+ campers, prepare and communicate programming to other leadership coordinators and mental health professionals for discussions about cancer

DELTA SIGMA PI BUSINESS FRATERNITY   **Durham, NC**
Vice President of Social Affairs, Rush Committee Member   May 2018 – Present
- Facilitate interactions for 100+ members within Delta Sigma Pi, strengthening internal relationships and promoting a positive image and name recognition on campus
- Organize various social events with attendance ranging from 10 people to 150 people by reserving venues, coordinating transportation, and purchasing necessary materials

OTHER SKILLS & INTERESTS

Tools and Technologies: Proficient in Python and Java | Familiar with SQL, C, Github, Agile framework
Interests: Traveling, NYT Crossword Puzzles, Cooking and Baking, Duke Basketball