# Anna Go

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## EDUCATION

**DUKE UNIVERSITY, TRINITY COLLEGE OF ARTS & SCIENCES**                                          **Durham, NC**
*Bachelor of Sciences in Biology and Computer Science, Magna Cum Laude*                              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
**Relevant Coursework:** Immunology, Cancer Genetics, Genome Technologies, Intro to Computational Genomics, Organic Chemistry, Molecular Biology, Genes and Evolution, Data Structures and Algorithms, Intro to Computer Architecture, Intro to Computer Networks, Intro to Data Science, Probability and Statistics

## EXPERIENCE

**IBM**                                                                                        **Washington, DC**
*Federal Associate Consultant - Developer*                                              October 2021 – Present
- Contracted with the Air Force Civil Engineering Control Systems Cybersecurity team, advising on enterprise strategy, business practices, and resource advocacy for the cybersecurity and cyber-defense of control systems at Air Force installations
- Completed cross-organizational tasks and provided input on Department of the Air Force cybersecurity policy, posture, and execution at Air Force installations, including a Department of the Air Force Guidance Memorandum, Congressional Request for Response, and Real Property determination to establish robust cybersecurity policies and practices across the AF
- Researched proposed third-party solutions and synthesized with my knowledge of cybersecurity and networks to advise the Air Force Division for Logistics, Engineering, and Force Protection on control systems cybersecurity
- Upskilled in knowledge of Agile practices, AWS products, React and Node.js web applications, mathematical foundations of machine learning, business development and enterprise strategy, and writing for business

**AMGEN**                                                                                              **Remote**
*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

## OTHER SKILLS & INTERESTS

**Wet lab experiences:** DNA isolation and purification, PCR, ELISA, flow cytometry, light microscopy, column chromatography
**Computer Tools and Technologies:** Python, Java, C, SQL, C, Github, Express, React, Node.JS, Databricks, HTML/CSS
**Interests:** Horology, Traveling, NYT Crossword Puzzles, Cooking and Baking, Duke Basketball