

GILLIAN ZECH

Raleigh, NC – zech.gillian@gmail.com – linkedin.com/in/gillian-zech-compling

EDUCATION

- UNC Chapel Hill, June 2020 – 2024, Computer Science and Linguistics double major, Data Science minor, 3.75 GPA
 - Dean's List every semester
- Wakefield HS, 2016 – 2020, 4.5 GPA
 - AP Scholar Award, Best All-Around Senior in AP Biology, Best All-Around Senior in AP Spanish
- Summer Ventures at North Carolina School of Science and Mathematics hosted by UNC Charlotte, 2019
 - Studied Statistics and Data Analysis

SKILLS

- Java, Python, Natural Language Processing, SQLite, Web Development
- MS Office Suite, GitHub, Google Workspace, CorelDRAW
- Computer courses taken:
 - Language and Computers, Models of Languages and Computation, Mathematical Linguistics, Files and Databases, Programming Language Concepts, Modern Web Programming, Systems Fundamentals, Foundations of Programming, Computer Organization, Data Structures and Analysis, Discrete Structures, Intro to Data Models and Inference
- Advanced written Spanish, intermediate conversational Spanish

RELEVANT EXPERIENCE

- Winner of Best Game Hack at HackNC 2022
 - Project: Sort Royale – devpost.com/software/sort-royale
 - Web program to teach about sorting algorithms and compete to sort lists the fastest.
- Second Place on the Pop Culture track at the Carolina Data Challenge 2022
 - Project: Climate Sentiment – devpost.com/software/climate-sentiment
 - Analysis of word frequencies and sentiment of tweets about climate change in recent years.
- Winner of Best AssemblyAI API Usage at the HackNC 2021
 - Project: Speech Search – devpost.com/software/speech-search
 - Web program that allows the user to jump to timestamps in an audio file by searching for any spoken word.
- Winner of “Why So Serious?” Hack at Pearl Hacks 2022
 - Project: Eat Da Bugger! – devpost.com/software/eat-da-bugger
 - Python game made with PyGame and connected to an Arduino hardware kit like a motion controller.
- Undergrad Learning Assistant for the course Practical Web Design and Development for Everyone (Fall 2022)
- Published a website for start-up Eye in the Sky Media (guisaez.github.io/eyeinthesky)
- Software Development Intern at CareYaya (Summer 2022)
 - Worked on song guessing game geared towards older adults.
- Logos and graphic art for potential start-up enterprise using CorelDRAW

OTHER EXPERIENCE

- Private Tutor (2019 – 2021) in Math, Spanish, Civics, English, Biology
- Cashier at Dunkin' (Summer 2021)
- Teacher Cadet for Spanish IV (Spring 2020)
 - Helped run the classroom, helped transition to online learning, and would sometimes lead and teach the entire class online myself when the teacher was absent.
- Volunteer work:
 - Paws for a Cause (2021 – current)
 - Volunteering at puppy adoption events, making & donating dog treats, miscellaneous animal-related service events.
 - Volunteer for an English Pronunciation course (Spring 2022)
 - Working one-on-one with non-native English speakers to improve their English speech and pronunciation.
 - Key Club (Mistletoe Market; SPCA Fundraisers; Food Bank) – 4 years (High school)
- NCSU – Teen Writer's Workshop – 3 years (High school), NCSU – Language Diversity Enrichment Program (High school)
- Played piano in the student worship band at church – 6 years (2014 – 2020)

MEMBERSHIPS

- Treasurer of the Mahjong Club
- Women in Computer Science, Carolina Analytics and Data Science, Game Development Club, Paws for a Cause, Underling (Undergraduates in Linguistics)