

ERIK LY

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EDUCATION

University of Illinois at Urbana-Champaign

August 2019 – May 2023

- . Bachelor of Science in Computer Science + Linguistic
- . Cumulative GPA: **3.61/4.00**
- . Relevant Coursework: CS125, CS128, CS173: Discrete Structures, CS222: Software Design Lab
CS225: Data Structures, CS374: Intro to Algs & Models, LING406: Intro to Computational
Linguistics, LING490: Machine Learning

EXPERIENCE

WyzAnt

June 2022 - Present

Tutor

- . Tutored 6+ students in computer programming for 50+ hours

PROJECTS

SyllaBestie

August 2022 – January 2023

- . Led team of 4 in a 6-month project, developing a website to parse information from a syllabus onto a calendar
- . Developed frontend and backend with **Python** and **Flask**

Project: Code Website

September 2022 – December 2022

- . Participated on a team of 8 to develop and implement new features for Project: Code website with **React** and **HTML**

MadLibs Website

June 2022 – July 2022

- . Developed frontend with **HTML** and **Flask**

Sentiment Analysis Project

April 2022- June 2022

- . Utilized **Python**, Machine Learning, Naïve-Bayes and decision tree to determine the sentiment of a given text

Shortest Path Between Airports

March 2021 - June 2021

- . Led team of 3 to develop a program that produced the shortest path between the two airports from an **API** with **C++**
- . Utilized Dijkstra's graph algorithm to determine the shortest path between airports

SKILLS

Proficient in C++, Python, databases, algorithms, Microsoft Excel and Word, React, Camtasia 3, Knowledge of Java, HTML, JavaScript, Flask and Swift