

Brandon Le

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<https://brannndonle.github.io/portfolio/>

EDUCATION

Georgia Institute of Technology | College of Computing

Atlanta, GA

B.S. in Computer Science | Concentration in Intelligence & Media

Fall 2023

Honors: Dean's List, President's List, H.O.P.E Scholarship Recipient

GPA: 3.5/4.00

PROJECTS

YouTube Replica

Norcross, GA

Personal Project

Aug - Oct 2023

- Initiated a replica of YouTube by integrating the core fundamentals of web design tools HTML, CSS, and JavaScript
- Integrated flexboxes and containers that created the base of the website to induce the captivating features of YouTube
- Delivered stylesheets that allow the webpage to be consistent by consolidating CSS properties so that the web page is aesthetically pleasing

Lost Nights

Atlanta, GA

Georgia Tech (GT) Video Game Design

May - July 2023

- Developed a horror game by utilizing the Unity Software
- Implemented character design and game functionality, interactions with objects in the surrounding environment, and pioneered an NPC AI that trails the player within a maze platform on a NavMesh using C#
- Enhanced C# scripts that allowed players to modify the game by pausing, interacting with the surrounding environments, defeat screen, victory screen, and main menu scenes

Accent Categorization

Atlanta, GA

Georgia Tech (GT) Machine Learning

Sep - Dec 2021

- Applied clustering algorithms, a GMM model, and a 13-layer Neural Network to classify which region of the United States a person originates from based on their dialect, acquiring a 61% accuracy
- Processed data, handled the version control with git, in which that allowed fellow developers to collaborate synchronously
- Extracted and converted data into .wav files to obtain the dataset, establish ground truth, and assign regions to clustering algorithms by employing Python libraries to retrieve the purity
- Utilized numpy to produce the sum, normalized the pairwise distance value, conducted matrix multiplication between arrays, extracted data and converted to numpy arrays

LEADERSHIP EXPERIENCE & ACTIVITIES

GT Vietnamese Student Association

Atlanta, GA

Member

Jan 2021 - Dec 2023

- Managed the logistics of the annual Moon Festival, consisting of food distribution and coordination of various booths, ensuring a seamless experience for 400+ attendees
- Expanded social network through organization-led events and gatherings, fostering the connections and interactions of the community

Thieu Nhi Thanh The

Norcross, GA

Youth Group Leader

July 2014 - 2019

- Revised teaching methods to help children better understand their faith, with careful peer supervision and guidance
- Composed a variety of visually appealing PowerPoint for youth groups, enhancing their comprehension and engagement during Sunday School objectives
- Organized and orchestrated multiple service projects as a game manager during the annual Fall Festival, resulting in an average of \$98,000 profit in sales for the church yearly

SKILLS

Programming Languages and Developer Tools

- **Technical:** Java, HTML, CSS, Javascript, jQuery, Node.js, Assembly, Python, C, C++, C#, JavaScript, Microsoft Office, Windows, Linux (Ubuntu), Git, Google Cloud, Visual Studio Code, Visual Studio, IntelliJ, Eclipse, pandas, NumPy
- **Languages:** English, Vietnamese (Proficiency), and Spanish (Limited Working Proficiency)