Brandon Le

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https://branndonle.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
- Leveraged C++ to implement character design and game functionality, such as interactions with objects in the surrounding environment
- Utilized C++ to pioneer an NPC AI that trails the player around a maze on a NavMesh
- Incorporated C++ to develop and design canvases and interfaces aesthetically for scenes, such as the main menu, pause scene, and victory/defeat scene

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
- Effectively mentored fellow collaborators to communicate and participate in meetings

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**
Volunteer/ 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, 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)