

James Zhao

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Education

City University of New York - Hunter College

September 2015 – May 2021

Bachelor's in Computer Science

Projects

JS Browser Quiz

September 2021

- Used HTML, CSS, and Javascript to create a browser quiz to demonstrate DOM manipulation.
- Imported a font style from the Google API to use as the main font to better improve the setting and style of the web page.
- Implemented a high score system to store the names and scores of users.

E-Permit Helper Website

May 2021

- Used MySQL relational database to hold class information derived from the CUNYFIRST class website.
- Normalized class information into separate tables (1st, 2nd, and 3rd normal form) to remove repeating groups, partial and transitive dependency.

Unity2D Platformer

December 2020

- Collaborated with (3) people and developed using C# and published on the Unity website.
- Used free sprites and animations from the Unity store.
- Created a unique keybinds object by creating a dictionary to store key inputs and reassign them.
- Added a dialogue system with branching dialogue to allow the player to explore multiple paths of dialogue with a single NPC.

Work Experiences

AmazonNow Whole Foods Shopper

June 2019 – August 2019

- Took orders via Phone Application.
- Fulfilled orders by going onto the shop floor and bagging the items or replacing as necessary.
- Received emails and texts from customers for modifications to their order.

Summer Camp Counselor

June 2018 – August 2018

- Worked with 3 other counselors to monitor a group of approximately 25-30 kids (age 10-12).
- Worked with other counselors to create interesting activities.

Skills

Programming Languages

- C++, C#, Javascript, JQuery, HTML, CSS, MySQL

Version control

- Git

Achievements

Technology Award

June 2015

- Received for achieving the top 3 highest technical grades throughout the school year (grade received: 99%).

Quality of Life proposal

June 2015

- Received for submitting a Quality of Life proposal to the WISE foundation.
- Proposal is based on the writer, Richard Louv and his opinions on Nature Deficit Disorder and the balance of nature and technology.