

JAMES NICHOLAS BUTTERFIELD

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Education

Colgate University, Bachelor of Arts in progress

Hamilton, NY

❖ Major: Computer Science Minor: Creative Writing

May 2023

❖ Honors: Dean's Award for Academic Excellence (Spring 2020), with Distinction(Fall 2019, Fall 2020, Spring 2021, Fall 2021)

Hackley School

Tarrytown NY

❖ Honors: Cum Laude Society

June 2019

❖ Activities: Photography, Baseball, Tennis

Phillips Academy Summer Session

Andover, MA

❖ Activities: Computer Science, Tennis

Summer, 2017

Computing and Technical Summary

Programing Languages: Java, C (Proficient), Python (Introductory)

Relevant courses: AP Computer Science - Object oriented programing, Intro to Computing II - Data structures and Java, Intro to Computer Systems - Hardware and software infrastructure of computer applications

MagicMan Scrolling Game- Java, Intro to Computing II, Colgate University

Fall 2021

- ❖ Analyzed base code for a Scrolling Game and added functionality such as, complex win conditions, dynamic obstacles/objects to engage with, and user controlled projectiles, by traversing a given 2 dimensional array.
- ❖ Effectively contributing hundreds of lines of code to previously written programs containing intricate classes, and methods.

Binary Calculator Project - C, Intro to Computer Systems, Colgate University

Spring 2021

- ❖ Created a calculator capable of conducting binary arithmetic on any given equation by parsing through it to compute a result using a series of arrays, conditional and iterative statements, and method calls.

Leadership Experience

Junior Summer Camp Bonnie Briar Country Club - Tennis Instructor - Larchmont, NY

Summer 2018 & 2019

- ❖ Direct large groups of young children in drills and games by effectively communicating with other coworkers to improve camper's tennis skills while also having fun.
- ❖ Fulfill boss's job requirements by relaying relevant information, actively listening, and being eager to meet expectations to give the campers the best experience possible.

Skills & Interests

Software: Microsoft Office, Photoshop (Introductory)

Social Media: Instagram, Snapchat, Facebook, Youtube

Interests: Fiction and nonfiction Creative Writing, Landscape Photography, Weight Training, Tennis, Cooking, Self taught acoustic Guitar.