

# JAMES NICHOLAS BUTTERFIELD

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## Education

**Colgate University**, Bachelor of Arts in progress

Hamilton, NY

May 2023

- ❖ Major: Computer Science      Minor: Creative Writing
- ❖ Honors: Dean's Award for Academic Excellence (Spring 2020), with Distinction(Fall 2019, Fall 2020, Spring 2021, Fall 2021, Spring 2022)

**Hackley School**

Tarrytown NY

June 2019

- ❖ Honors: Cum Laude Society
- ❖ Activities: Photography, Baseball, Tennis

**Phillips Academy Summer Session**

Andover, MA

Summer, 2017

- ❖ Activities: Computer Science, Tennis

## Computing and Technical Summary

**Programing Languages:** Java, C (Proficient), HTML5, CSS3, 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 2019

- ❖ 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

**Social Media:** Instagram, Snapchat, Facebook, Youtube

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