

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

❖ Dean's Award for Academic Excellence (Spring 2020), with Distinction (all remaining eligible semesters)

Computing and Technical Summary

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

Web/App Development: HTML5, CSS3

Relevant courses: Intro to Cryptography, Data Structures and Algorithms, Discrete Structures, Intro to Computer Systems
- Hardware and software infrastructure of computer applications

Enigma Machine Encryption - Java, Intro to Cryptography, Colgate University

Fall 2022

❖ Models the encryption scheme of a single-rotor version of WWII's German Enigma machine, using HashMaps, helper functions, and iterators to encrypt and decrypt user input

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.

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.

Work Experience

Quinn Emanuel Urquhart & Sullivan, LLP - Paralegal Clerk - New York, NY

Summer 2021

- ❖ Accurately summarized and filed email correspondence between the client, court, and opposing counsel as well as consolidated information about key players in various cases using extreme attention to detail
- ❖ Collected relevant news articles for ongoing cases shared them with the attorneys in a clear, organized format

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

Summer 2018 & 2019

- ❖ Directed 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.
- ❖ Fulfilled boss's job requirements by relaying relevant information, and being eager to meet expectations.

Additional 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.