Karsten Cole

As a senior at Brooklyn Technical High School majoring in software engineering, I have gained extensive experience in software design, debugging, and implementation, working on various projects and programming languages. With a strong passion for software engineering, I am eager to continue developing my skills through real-world experience and contribute to a dynamic team.

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EXPERIENCE

ASA College, New York, NY— *Publishing Aide*

SUMMER 2022

Assisted in the review and updating of telecom projects, web design, and social media sites. Also helped facilitate course registration for students both in-person and online.

STEEL CITY CODES — *Tutor*

MARCH 2022 - APRIL 2022 & SUMMER 2022

Taught kids in Middle School 51 (MS51) Python and other programming skills. Toward the end, each student created their own project using Python which they learned from the skills they learned during the camp.

THE TUBE NYC, Brooklyn, NY — *Intern*

2021 - 2022

Worked and managed social media for an organization promoting bike safety, and the improvement of bike safety laws.

RELEVANT COURSES

Cyber Security

Developed skills in server-side manipulation, backend Python coding, cryptography, ASCII, and other encryption methods.

Web Development

I learned HTML, CSS, and Javascript in order to create and manage complex websites.

AP Computer Science A

An extensive class where I was taught all of the basics of programming, debugging, and testing all through the use of Java.

Big Data / IT infrastructure

Possibly my favorite class where I gained an extensive knowledge of Linux, bash, and how to manage big databases through Mysql.

SKILLS

Programming: Java, Python, Javascript, HTML, CSS, Tailwindcss, Linux, Mysql, bash, and NodeJs

Other: Working with kids, and other students.

EXTRACURRICULARS

Musical: Part of a band with other young musicians where we perform together. Also a member of my school's Jazz Band.

Clubs: President of Skateboarding club, and Director of Guitar and Ukulele club.

EDUCATION

Brooklyn Technical High School Class of 2023

GPA: 4.0 / 98.07

Major: Software engineering