

Sabiq Khan

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Education

Georgia Institute of Technology
Bachelor of Science, Computer Science

Atlanta, GA
2023 - Present

Skills

Languages: JavaScript, TypeScript, Python, C, C++, Java, HTML/CSS, Git, Bash, Powershell, Markdown **Libraries/Frameworks:** React.js, Next.js, Gatsby, Three.js, Tailwind CSS, Bootstrap, Photoshop, Illustrator, Node.js, Express.js, Flask, MongoDB, OpenCV, Mediapipe, Jupyter Notebook, UNIX
Concepts: OOP, Web Development, Data Structures, Algorithms, UI/UX Design

Experience

Software Developer | *Northview Computer Science Club*

Nov. 2021 – May 2022

React.js, MongoDB, Tailwind, HTML/CSS

- Developed an information hub with club updates, schedules, calendars, and resources for **over 1000 students**
- Aggregated data from **over 50** school clubs and teams into a **MongoDB** database
- Managed collaboration between developers and the student body for efficient data collection and website design

Programming Instructor | *Northview Computer Science Club*

Dec. 2021 – May 2022

Python, Jupyter Notebook

- Developed and co-authored a **12-module** beginner-friendly Python course using a series of **Jupyter Notebooks**
- Covered introductory concepts like variables, conditionals, loops, lists, libraries, and additional relevant topics
- Delivered instruction to **over 30** students, enabling them to apply Python and essential programming concepts
- Received **90%** positive feedback from students on satisfaction surveys

Projects

Portfolio + Blog | *Next.js, TypeScript, JavaScript, Tailwind CSS, HTML/CSS*

- Implemented static site generation for **Markdown** blog posts resulting in **1.8x** faster loading times
- Designed a sleek, responsive UI using **Tailwind CSS** by considering breakpoints for cross-platform capability

E-commerce Review Sentiment Analysis App | *React.js, TypeScript, Python, Flask, HTML/CSS*

- Developed efficient web scraping using **Playwright** for seamless data retrieval and processing
- Implemented **Natural Language Processing** techniques to give compounded positive, neutral, and negative scores to reviews

Awards and Honors

USA Coding Olympiad (USACO) Gold

Feb. 2022

2x State Finalist in the Future Business Leaders of America

Dec. 2020

- Gold medal, 2022, 2nd place

National Finalist in the American Coding League (ACSL)

May 2021

- Top 5%, 9th place