MICHAEL COLE

Software Engineer

CONTACT

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📍 **San Mateo, CA**

🌐 **gist-quiz.com**

🐙 **github.com/michaelgbcole**

EDUCATION

High School
2021-2026
St. Ignatius College Prep

PROJECTS

- gist-quiz.com
- team5924.org
- lookbk.com
- michaelgbcole.github.io

SKILLS

- Typescript/JS - Main language at LookBk, Gist, and my blog
- React, Next, Node, Git - LookBk, Gist, Robotics
- Java - Robotics at Team5924
- Python - Various ML projects and hackathons (see github)
- Work Ethic - Pulled 60-70hr work weeks (no weekends) at LookBk
- Leadership - Led a scouting team of ~40 people for robotics

PROFILE

I am a Software Engineer with experience building efficient full stack applications. I mainly have experience in NodeJS, Java, Next, React, and Python. I have been programming on and off since I was 7, but really got back into it ~2021 with robotics. During Covid I started my own Video Production company that helped up and coming youtubers 10x their subscribers. Currently I am working on gist-quiz.com, which is an AI powered data tool for teachers. I have strong foundations in leadership skills from my experience as an athlete (Water Polo and Swim) as well as having led a team of ~40 people for scouting during robotics matches.

WORK EXPERIENCE

SOFTWARE ENGINEERING INTERNSHIP
LookBk
Summer 2024

- Learned how to use typescript to deploy REST APIs at scale
- Learned libraries like Puppeteer, and how to use microservices such as Olostep and Browserbase
- Wrote scrapers that got data on clothing items accross any fashion website you can think of (100+ written)
- Worked 60-70hrs a week
- Developed internal tools to maximize efficiency when building scrapers

PROGRAMMING LEAD
Team 5924
2021-Present

- Led Computer Vision team to get more accurate field positioning
- Developed autonomous route planning
- Taught multiple, zero experience people Java
- Planned out the system design of our robot
- Led a scouting team of ~40 people at competitions