

# Michael Cole

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## Education

### St. Ignatius College Preparatory

High School Education

San Francisco, CA

Aug. 2022 - May 2026

### Georgetown School of Continuing Studies

High School Education

Washington, D.C.

Jun. 2023 - Jul. 2023

## Work Experience

### Whop

#### Software Engineering Internship

Atherton, CA

Jun. 2025 – Aug. 2025

- Designed and created new features for our 12+ million users
- Worked 70+ hours per week, coding in Ruby and Javascript

### 10x

#### Software Engineer

Remote

Mar. 2025 – Apr. 2025

- Managed all in app static content generation and rendering
- Built content generation pipeline in Python and utilized structured outputs
- Engineered prompts to models like o1 to best output content that helped users learn new things efficiently
- Wrote SwiftUI code to display said static content in ways that were engaging to users
- Fixed security concerns after a bad actor found an endpoint a developer left exposed

### Gist

#### Founder

San Francisco, CA

Aug. 2024 – Feb. 2025

- Solo-founded an edtech platform with the goal of helping teachers grade more efficiently
- Built out this platform with features like essay grading, quiz taking, and instant feedback on qualitative questions
- Adapted the product to fit users' needs (the main challenge here was building trust in AI amongst educators)

### LookBk

#### Software Engineering Intern

San Francisco, CA

Jul. 2024 – Sep. 2024

- Built REST APIs that were deployable at scale
- Utilized libraries like puppeteer and microservices like Browserbase
- Wrote web scrapers capable of scraping any fashion website you can think of (200+)
- Worked 60-70 hrs a week in downtown San Francisco

### Nature Camp

#### Counselor

San Mateo, CA

Jun. 2024

- Led a group of 25 third to sixth graders on bike trips around the San Francisco Bay Area
- Taught lessons on Californian nature for the duration of the 2 week long camp

### PGCC

#### Lifeguard and Swim Coach

San Mateo, CA

Jun. 2024 - Jul. 2024

- Earned a Red Cross Certification for lifeguarding
- Taught over 500 total kids (ages 2-14) how to swim and prepared them for meets

### Videography Business

#### Freelance Contractor

San Mateo, CA

Feb. 2020 - Jun. 2024

- Taught myself video editing, videography and photography
- Sold my editing services to clients over the internet during covid
- Later transitioned to shooting and editing sports videos and photos

## Extracurricular Activities

|  |                   |
|--|-------------------|
| <b>Athletics</b>   | San Francisco, CA |
| <b>Swim and Water Polo</b>   | 9th - 12th grade  |
| <ul style="list-style-type: none"> <li>Played at the varsity level in both sports</li> <li>Qualified for CCS (CIF Central Coast Section) in swimming</li> </ul>  |                   |
| <b>SI Live</b>   | San Francisco, CA |
| <b>Producer/Videographer/Writer</b>  | 9th - 12th grade  |
| <ul style="list-style-type: none"> <li>Produced, wrote, and filmed a 90 minute long SNL style live show displayed to hundreds of viewers over the course of three performances</li> </ul>  |                   |
| <b>FSA Robotics Class</b>  | San Francisco, CA |
| <b>Founder</b>   | 11th - 12th grade |
| <ul style="list-style-type: none"> <li>Taught a weekly elective at a free private school offered to underprivileged youth in San Francisco</li> </ul>  |                   |
| <b>First Robotics (FRC)</b>  | San Francisco, CA |
| <b>Programmer</b>  | 9th - 11th grade  |
| <ul style="list-style-type: none"> <li>Led team responsible for developing a Computer Vision subsystem for our 2024 robot</li> <li>Managed team of 40+ scouts at all competitions that collect data on a platform I built</li> <li>Taught multiple inexperienced now programmers Java</li> </ul> |                   |
| <b>MeWater Foundation</b>  | San Francisco, CA |
| <b>Surf Instructor</b>   | 11th grade        |
| <ul style="list-style-type: none"> <li>Lead surf camp trip for underprivileged youth from San Francisco</li> </ul>   |                   |
| <b>Clubs</b>   | San Francisco, CA |
| <b>Co-founder of AI club, Co-president of CS club, Leader of Entrepreneurship Club</b>   | 9th - 12th grade  |
| <ul style="list-style-type: none"> <li>Ran quarterly events such as hackathons, Shark Tank, and invited keynote speakers</li> </ul>  |                   |

### Awards

|  |                   |
|--|-------------------|
| <b>California Boys and Girls State</b>   | Sacramento, CA    |
| <b>Delegate</b>  | Summer 2025       |
| <b>Future Business Leaders</b>   | San Francisco, CA |
| <b>First Place (2x)</b>  | 2024, 2025        |
| <ul style="list-style-type: none"> <li>Competed with 40 other students from across the Bay Area in a business pitching contest aimed at solving a social problem (e.g. lack of youth engagement in Chinatown, individual access to education, etc.)</li> </ul>   |                   |
| <b>AP Scholar with Distinction</b>   |                   |
| <b>Recipient</b>   |                   |
| <b>AGI House SF SAM2 Hackathon</b>   | San Francisco, CA |
| <b>Honorable Mention</b>   | 2024              |
| <ul style="list-style-type: none"> <li>Competed in a 12 team hackathon that required use of Meta's Segment Anything Model 2 (SAM2), a frontier image segmentation model</li> <li>Built albumCollage, a collection of pieces of the most popular albums from different genres and decades overlaid to display what the AI believed was the main subject of the cover</li> </ul> |                   |

