

# Michael Cole

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## Education

<b>Carnegie Mellon University</b> <i>BS in Business Administration and Computer Science</i>	Pittsburgh, PA Aug. 2026 - May 2030
<b>St. Ignatius College Preparatory</b> <i>High School Education</i>	San Francisco, CA Aug. 2022 - May 2026
<b>Georgetown School of Continuing Studies</b> <i>High School Education</i>	Washington, D.C. Jun. 2023 - Jul. 2023

## Work Experience

<b><a href="#">Whop</a></b> <b>Software Engineering Internship</b> <ul style="list-style-type: none"><li>Designed and created new features for our 12+ million users</li><li>Scaled backend email infrastructure to be capable of sending 15 million emails per day</li><li>Worked 70+ hours per week, coding in Ruby and Javascript</li></ul>	Atherton, CA Jun. 2025 – Aug. 2025
<b>10x</b> <b>Software Engineer</b> <ul style="list-style-type: none"><li>Managed all in app static content generation and rendering</li><li>Built content generation pipeline in Python and utilized structured outputs</li><li>Engineered prompts to models like o1 to best output content that helped users learn new things efficiently</li><li>Wrote SwiftUI code to display said static content in ways that were engaging to users</li><li>Fixed security concerns after a bad actor found an endpoint a developer left exposed</li></ul>	Remote Mar. 2025 – Apr. 2025
<b><a href="#">Gist</a></b> <b>Founder</b> <ul style="list-style-type: none"><li>Solo-founded an edtech platform with the goal of helping teachers grade more efficiently</li><li>Built out this platform with features like essay grading, quiz taking, and instant feedback on qualitative questions</li><li>Adapted the product to fit users' needs (the main challenge here was building trust in AI amongst educators)</li></ul>	San Francisco, CA Aug. 2024 – Feb. 2025
<b><a href="#">LookBk</a></b> <b>Software Engineering Intern</b> <ul style="list-style-type: none"><li>Utilized libraries like puppeteer and microservices like Browserbase</li><li>Wrote web scrapers capable of scraping any fashion website you can think of (200+)</li><li>Worked 60-70 hrs a week in downtown San Francisco</li></ul>	San Francisco, CA Jul. 2024 – Sep. 2024
<b>Nature Camp</b> <b>Counselor</b> <ul style="list-style-type: none"><li>Led a group of 25 third to sixth graders on bike trips around the San Francisco Bay Area</li><li>Taught lessons on Californian nature for the duration of the 2 week long camp</li></ul>	San Mateo, CA Jun. 2024
<b>PGCC</b> <b>Lifeguard and Swim Coach</b> <ul style="list-style-type: none"><li>Earned a Red Cross Certification for lifeguarding</li><li>Taught over 500 total kids (ages 2-14) how to swim and prepared them for meets</li></ul>	San Mateo, CA Jun. 2024 - Jul. 2024
<b>Videography Business</b> <b>Freelance Contractor</b> <ul style="list-style-type: none"><li>Taught myself video editing, videography and photography</li><li>Sold my editing services to clients over the internet during covid</li><li>Later transitioned to shooting and editing sports videos and photos</li></ul>	San Mateo, CA Feb. 2020 - Jun. 2024

## Extracurricular Activities

### Athletics

San Francisco, CA

#### Swim and Water Polo

9th - 12th grade

- Played at the varsity level in both sports
- Qualified for CCS (CIF Central Coast Section) in swimming

### SI Live

San Francisco, CA

#### Producer/Videographer/Writer

9th - 12th grade

- Produced, wrote, and filmed a 90 minute long SNL style live show displayed to hundreds of viewers over the course of three performances

### FSA Robotics Class

San Francisco, CA

#### Founder

11th - 12th grade

- Taught a weekly elective at a free private school offered to over 200 underprivileged students

### First Robotics (FRC)

San Francisco, CA

#### Programmer

9th - 11th grade

- Led team responsible for developing a Computer Vision subsystem for our 2024 robot
- Managed team of 40+ scouts at all competitions that collect data on a platform I built
- Taught multiple inexperienced now programmers Java

### MeWater Foundation

San Francisco, CA

#### Surf Instructor

11th grade

- Lead surf camp trip for underprivileged youth from San Francisco

### Clubs

San Francisco, CA

#### Co-founder of AI club, Co-president of CS club, Leader of Entrepreneurship Club

9th - 12th grade

- Ran quarterly events such as hackathons, Shark Tank, and invited keynote speakers

## Awards

### California Boys and Girls State

Sacramento, CA

#### Delegate

Summer 2025

### Future Business Leaders

San Francisco, CA

#### First Place (2x)

2024, 2025

- 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.)

### AP Scholar with Distinction

#### Recipient

### AGI House SF SAM2 Hackathon

San Francisco, CA

#### Honorable Mention

2024

- Competed in a 12 team hackathon that required use of Meta's Segment Anything Model 2 (SAM2), a frontier image segmentation model
- 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