

MITCHELL FORD

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EDUCATION

Georgia Institute of Technology - 3.89/4.0 GPA

Atlanta, GA

Bachelor of Science - Computer Science (Intelligence and Internetworks Threads)

Expected: December 2026

Relevant Coursework: **Data Structures and Algorithms, Object-Oriented Programming, Linear Algebra, Objects and Design**

Indian Hill High School

Cincinnati, OH

GPA: 4.0 (4.82 weighted), graduated top 2%

Graduated: May 2023

Notable Coursework: **AP Calculus BC (4), AP Statistics (5), AP Physics I&II (4), AP Microeconomics (5), Advanced Engineering**

PROJECTS

BrainWave - Networking Application | **React, Vite, Firebase, JavaScript**

- ♦ Developing a **full-stack study app** designed to connect college students with compatible peers based on schedules, locations, and study habits, with potential user base of **3000+ students**
- ♦ Utilizes **Firebase** for database, real-time messaging, and user.auth / auth. persistence, and front-end built on **React framework** using **Vite**, including UI customization capabilities

MotoCargo | **Startup**

- ♦ Developing an app to launch a startup that supports restaurants in tourist hubs in cities of Spain by optimizing operations with a low carbon emissions delivery service for fresh, locally-sourced products
- ♦ Designed the user interface using **Figma**; developing with Dart-based frontend with **Flutter**, RESTful server-side API w/ MySQL, a relational database to store backend applications site, and **Javascript**-based backend
- ♦ Potential customers of **2000+ local restaurants** and **900+ local markets** all over Spanish cities

SKILLS

Languages: Java, Python, C, HTML/CSS, JavaScript, Dart, SQL (MySQL)

Frameworks + Libraries: React, Tailwind, StreamLit, Firebase, Node.js, NPM, Android Studio, Vite,

Other Skills: Autodesk, Agile Methodology, JUnit, Git, Figma, IntelliJ, Eclipse, Data Visualization

RELEVANT EXPERIENCE / LEADERSHIP

The Joy of Coding | Cincinnati, OH

May 2022 – July 2022

Honorary Participant - University of Michigan Electrical and Computer Engineering Continuum Program

- ♦ Intensive, self-directed study of Python coding and the integration of computational analytics across various platforms
- ♦ Received one-on-one mentoring from University of Michigan graduate students to discuss Python applications, including **Computer Vision** and Machine Learning principles

Indian Hill High School Esports | Cincinnati, OH

May 2022 – May 2023

Co-Founder, Officer, and Electronics & Components Specialist

- ♦ Spearheaded founding of team to provide a gateway to explore the gaming and technology industries and to mentor students on the infrastructure and platforms utilized by various games
- ♦ Researched computer components and specifications, including GPUs, CPUs, and RAM, and built optimized systems to perform at maximum output for specific games

Stem For Future | Cincinnati, OH

May 2021 – May 2023

Co-Chair, Outreach Coordinator & Program Lead

- ♦ Led student-run program to increase STEM literacy and fuel interest in STEM-related fields through various programming events
- ♦ Devised lesson plans for introductory Python lessons and robotics tasks and led summer camp for 100+ middle/high school students