Daniel Ajayi

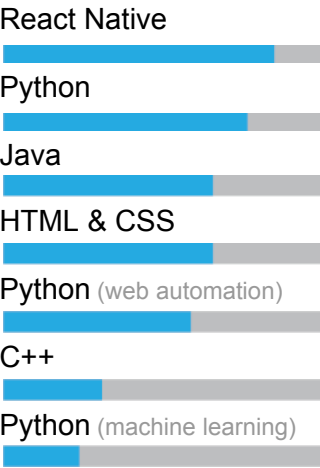dajayi@mit.edu
(856)473-1116
[LinkedIn](#)
[GitHub](#)

Tech Projects

- [my mobile apps](#)
- [chrome extension](#)
- [robots & hardware](#)
- [web development](#)

Programming Languages
Proficiency Levels

React Native

Python

Java

HTML & CSS

Python (web automation)

C++

Python (machine learning)

Musical Prowess

- Piano (12+ yrs)
- Trombone (5+ yrs)
- Guitar (3+ yrs)
- Cello (3+ yrs)
- Euphonium (1 yr)

Piano Repertoire

[Flight of The Bumblebee](#)
[You Raise Me Up](#)

Tech entrepreneur and inventor with an interest in interdisciplinary engineering and a passion for applied robotics.

Education

2021-2025 Massachusetts Institute of Technology (MIT)
- Major in Computer Science & Electrical Engineering; Minor in Mechanical Engineering

2017-2021 Williamstown High School
- Unweighted 4.0/4.0 GPA
- Nominee for Student of the Month (2020)
- Senior Representative of Student Council

2020-2021 Rowan College of South Jersey
- 3.95/4.0 GPA
- Perfect score on mathematics section of College's Accuplacer examination
- Superior performance in rigorous curriculum despite being youngest student in class

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Projects (see 'Tech Projects' above for links to see more projects)

[Teddy The Depression Fighter](#) - mobile app that sends periodic positive messages to a user's device to help combat depression, anxiety, and insecurity. Featured as front cover story of [Williamstown Sun](#). Built in Android Studio with Java.

[Curious George Extension](#) - A chrome extension that turns every single picture on every single website that a user visits into a picture of curious george. Constructed with Javascript.

[Automated Dino Run](#) - automated the dinosaur game that comes on Google Chrome when there's no internet using an Arduino uno, a servo motor, and a photoresistor. Programmed the arduino in C++.

RateMyProtector - mobile app constructed at HackMIT where users report their encounters with law enforcement and can see which incidents correspond to which officers, leading to increased transparency and safer communities. Selected as finalist (top 10 projects). Constructed with React Native. Collaborated with a friend.

[AI Real Estate Appraiser](#) - Designed a website that uses a machine learning model to predict the price of a property given key parameters. Used HTML & CSS for front-end, python and flask for backend, and python to scrape the data from realtor.com. Used numpy, pandas, and python for the ML model.

Extracurriculars

FIRST Robotics (2019-2021) - Programmer. Our team won funding from Google
Bougie Bachelor (2020) - Teen founder & CEO of men's fashion brand. Designed the website with Shopify. Drove traffic through Facebook Advertising and designed ads with Adobe Photoshop. Utilized email marketing to resell to customers. **$1,000 in profit**
[YouTube](#) - Created a YouTube channel to release music, comedy, and college content. **Over 47k views**

Recognition / Awards

HackMIT Hackathon - **Finalist (Top 10 projects)**	2021
MIT Interphase Scholar	2021
Teddy the Depression Fighter Publication in [Williamstown Sun](#)	2020
"Race Relations" Research Paper 1st Place Scholarship Winner	2020
Blueprint Hackathon	2020
[Prestigious NJ Gala](#) (Top 12 Bands in the State) - 1st Chair Trombone	2019