

# Joseph Hughes

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[LinkedIn](#)  
[GitHub](#)

## Relevant Experience

### App Developer

*QuantumGrad*

- Utilized Figma to create a design for every page of the app
- Worked collaboratively with mobile and web developers
- Constructed front-end UI using **Dart/Flutter** such as account and article pages

### Remote

June 2021 - June 2022

## Personal Projects

### Automated Twitter Account

*Creator*

- Utilized the **Twitter API** and **Python** to create an automated twitter account.
- Account imitates the Michigan State Univ. Spartan Statue
- Tweets the weather daily and wishes good luck to all sports teams
- Can be found at [@SpartyStatue](#)

### Skills At a Glance:

Python  
Twitter API  
Weather API

### Spotify Location-Based Recommendations

*Co-creator*

- Allows users to upload music tied to a location
- Recommends users songs/playlists near uploaded near them
- Designed a database structure that decreased time complexity by 87.5%
- Implemented **SQLite** database calls based on user location data
- GitHub link can be found [here](#)

### Skills At A Glance:

SQLite  
Python

### Calculus Ninja

*Co-creator*

- Created a calculus-inspired video game using **Javascript** and **p5.js**
- Personal project for my AP Calculus class in high school
- Can be found [here](#)

### Skills At A Glance:

Javascript  
p5.js

## Education

### Michigan State University

*Bachelor of Science in Computer Science*

- GPA: 4.0
- Relevant Coursework: Discrete Structures

### East Lansing

*August 2022 - May 2025*

### Technical Skills:

Python(2yrs), C++(1yr), Dart(1yr), Flutter(1yr), SQLite, Javascript(1yr), Android Studio, Java(1yr), Git, Blender

## Leadership Experience

### Business Professionals of America(CTSO)

*President*

- Increased membership by 200% over the course of my presidency
- Led peer students, hosted meetings, and managed
- Created a website that gave students access to practice for competitions

### Gibraltar, MI

Oct. 2019 - June 2022