# **Brandon Davidson**

Computer Science Student Georgia State University

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# **EDUCATION**

• Georgia State University

 $2023 ext{-}Present$ 

Bachelor of Science in Computer Science

GPA: 3.99

Killian Hill Christian School

2019-2023

Graduated with Honors

GPA: 4.05

#### Personal Projects

#### • Check-In System for High School

Front-end developed using HTML and CSS; Back-end built with Django - Python Framework

- An automated check-in system for high school students using an iPad and its camera for barcode scanning.
- Maintains a secure database to track students' check-in times
- Provides a seamless experience for both students and staff

# • Spend Sense: Personal Budgeting Application

Front-end developed using React - Javascript Library; Back-end built with Express.js - Node.js Framework

- Implemented robust user authentication utilizing secure cookies and JSON Web Token (JWT) signing for enhanced security.
- Orchestrated the management of a MongoDB database through Prisma, seamlessly integrated with Express.js for efficient data handling and retrieval.

#### Community Discord Chatbot

Bot developed using discord.py: a framework for developing discord bots with Python

- A custom Discord chatbot to enhance communication and engagement within an online community.
- Hosts many commands that can be fun and simple for users to use: Moderation Tools, Meme Generator API, Joke Generator API.

#### TECHNICAL SKILLS AND INTERESTS

- Languages: Python, Java, Javascript, HTML, CSS
- Development Tools: Pycharm, Git, Github
- Frameworks: React, Django, Flask, Express, Tailwind, Pygame
- Cloud/Databases: MongoDB, AWS, SQL
- Soft Skills: Problem Solving, Self-learning, Adaptability

## ACHIEVEMENTS

• Georgia State University Dean's List

Fall 2023