

# CALEB HARRISON

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## EDUCATION

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### University of Alabama at Birmingham

August 2023

*Bachelor's in Computer Science & STEM Education with Honors*

GPA: 4.0/4.0

**Relevant Coursework:** Mobile Application Development, Algorithms and Data Structures, Object-Oriented Programming, Computer Organization/Assembly, Introduction to Computer Science in Python, and Discrete Mathematics

## EXPERIENCE

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### Information Technology Intern

January 2021 - Present

*BLOX*

*Birmingham, AL*

- Assist with the development of related solutions originating from our applications development team
- Manage standard IT issues through the designated ticketing process and decreasing backlog by 75%+
- Document and reengineer processes to streamline work, increase efficiency, and reduce manual efforts

### Founder & President

May 2020 - Present

*Harrison Solutions*

*Oxford, AL*

- Launched a technology solutions company to provide application and web development to consumers
- Built 11 high-quality, interactive websites for businesses and professionals across 5 states in 2020
- Worked directly with 20+ clients to debug or re-engineer their existing website or company software

### Digital Behavior Analyst

September 2020 - May 2021

*LearnSafe*

*Birmingham, AL (Remote)*

- Analyze student's computer behavior to prevent suicide and other issues using innovative software
- Document issues in a refined format to report to appropriate authorities and ensure digital safety
- Independently monitor 2 public school districts consisting of 9 schools with 8,200+ students remotely

### Quality Assurance Software Tester Intern

January 2020 - April 2020

*Aegis Foundry*

*Birmingham, AL*

- Manually acceptance tested multi-tiered system software and SQL relational databases to pinpoint bugs
- Created a regression testing plan documenting all potential test cases for all features of the software
- Collaborated with other developers in an Agile environment to report bugs and refine problem-solving

## PROJECTS

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### Tap Wars - Swift

February 2021 - Present

<https://apps.apple.com/us/app/tap-wars/id1553009159>

- Developed a multiplayer mobile game designed to test your tap speed against your friends and family
- Received 275+ downloads in the first month of release with all 5/5 star reviews on the iOS App Store

### Covid Tempo - Python, Streamlit, APIs

September 2020

<https://github.com/caleb-harrison/Covid-TEMPO>

- Calculates positive case rate for a selected state in the U.S. using CovidTracking API and linear math
- Displays a song that correlates to the case rate by the tempo/BPM of the song using Spotify API
- Implemented using Python, Streamlit, Coronavirus API, and deployed using Amazon Web Services

## TECHNICAL SKILLS

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### Languages

Swift, Python, Kotlin, Java, C, HTML, CSS, Racket, LaTeX

### Technologies

Git/Github, AWS, Agile/Scrum workflow, Unix/Linux, SQL Databases

### Design

Object-Oriented Design, Algorithms, Functional & Linear Programming