Joshua Sanford

joshuasanford@joshuasanford.com **|** 256-280-7780 **|** Huntsville, AL

WORK EXPERIENCE

Ternion Corporation   October 2022 – Present
Software Engineer   *Huntsville, AL*

- C# / C++ / C / SQL
- Software Testing
- Visual Studio

- Correcting Software Deficiencies
- Building Software Improvements
- Debugging

- Mantis Bug Tracker
- Tortoise SVN
- Code Review

Albert P. Brewer High School   June 2021 – May 2022
Teacher | AP Chemistry, Pre-AP Chemistry, Physical Science   *Somerville, AL*

- Challenged students to develop a sense of awe for *being-in-itself.*
- Encouraged students to discover personal agency and exercise control over their lives.
- Built webapp to store and display responses from student groups. Resulted in a positive, team-based learning environment with real-time feedback for the entire class.

EDUCATION

University of Alabama in Huntsville   January 2022 – December 2022
Post-Bachelor Study   *Huntsville, AL*

- Linear Algebra
- Calculus III
- Intro to Python
- Comp Sci I (C++)
- Prob & Stats (MA385)

Troy University   August 2015 - May 2019
Bachelor of Science in Chemistry, Minor in Music | Final Institutional GPA: 3.76   *Troy, AL*

- Performed in Troy University Honor's Recital (*Notturno* by Ottorino Respighi) - Fall 2017

PERSONAL PROJECTS

Personal Website | joshuasanford.com   2019 – 2020

- Highlights: Q&A page utilizing PHP and phpMyAdmin ; HTML/CSS/JavaScript

Common Lisp REPL Chess   December 2021

- Text-based gameplay in the REPL.

Partimento Solution Assistance & Printing Music to Staff w/ Custom Input Language   **Current Project**

- Currently working on parser for input language.

Additional Skills:

- Python ; LaTeX (document production) ; Vegas Pro (video editing) ; Tracktion (audio recording & mixing)

ADDITIONAL EXPERIENCE

Local School Systems	*Substitute Teacher*	2019 – Oct 2022
Target	*Security Specialist*	Apr 2020 – Nov 2020
Belk	*Shoe Department Sales Associate*	2019
Honda of Decatur	*Porter*	2018
Troy University Physical Plant	*Painter*	2017