

Tristan Alexander Boler

Software Engineer

(205) 861-4299 || taboler@coyotes.dev || [LinkedIn](#) || [Github](#)

Work Experience

Formation - Backend Engineering Fellow Jan 2023-Present

- Selected for competitive fellowship for personalized coaching from industry professionals.
- Completed accelerated training on Python and theoretical CS topics.
- Worked on independent projects, participated in pair-programming and mentor-led group study sessions.
- Participated in pair-programming, mentor-led study sessions and independently worked on projects, delivering production-ready features and bug fixes to large codebases.

System Management and Production Center, UAH Feb 2020-Apr 2022 **Research Assistant II** 2021-2022

- Developed software and office tools using ASP.NET C# framework and Java for contracted jobs given to our IT department. Provided project specifications to deliver while independently maintaining an agile style workflow.
- Programmed productivity tools with BASH and Python scripts to automate colleagues' workflow and was rotated amongst the three divisions of our department when needed.
- Digitized archived specification and parts list documents into SQL databases that our contractors could query.

Python Programming Tutor Aide - DETECTS 2020-2021

- Mentored high school students in Python/C/C++ and provided resources to learn coding.
- Demonstrated how to use Raspberry Pi and other microcontrollers with various sensors that each team needed for their payloads.
- Taught how to properly test and record results, and how to clean and analyze the data. Encouraged students to follow an engineering method to build a potential payload to be sent to the International Space Station.

Freelance Illustrator & Programmer 2014-2020

- Developed frontends using HTML+CSS+JavaScript, provided graphics and illustrations, and fixed existing sites codebases adding new features for clients on a freelance basis.
- Partnered closely with each client to meet expectations and deliver high quality products through meetings and frequent updates.
- Advertised and promoted my work through Instagram, Tumblr, and Twitter that resulted in a steady stream of several projects lined up each month.

Education

University of Alabama in Huntsville Dec 2021

- Bachelor's of Science, Major in Computer Science
Art Studio Minor
GPA: 3.46/4.0

Accomplishments & Certifications

UAH i4 Program 2019-2020

- Participated in a competitive pipeline training program through a partnership with Northrop Grumman, resulting in valuable experience as a student in the industry.

Confidential Level Security Clearance 2020-2024

CompTIA Sec+ Certificate 2022

- Verification ID: 3VDF2GLN9PQQ1VGM