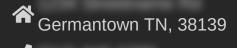
# Seth Painter

Software Engineer

Personal Info





**S** sethpainter.com

github.com/TheFoxarmy

**Skills** 

Git Project Management

**Linux Server Administration** 

**Databases** 

Accessible Software Design

Creative / Logical Problem Solving

Learning Languages/Tools

Agile Development

3D Asset Pipeline



Unreal Engine 4 C++

Jetbrains suite

**VS** Code

Kotlin

Visual Studio

Languages / Technologies

VueJS Java
PHP NodeJS
HTML5/CSS3 Python
C++ REST APIs
.NET MongoDB

**NGINX** 

An eager developer aiming to gain experience and apply my knowledge and abilities meaningfully contributing to software or cybersecurity projects.

#### **Experience**

Jun 2019-Present

# Cybersecurity Software Engineer Extended Internship

**Lockheed Martin Space** 

- Created a realtime web control panel for a hypersonic missile similator with Python/Flask, SocketIO, and HTML/CSS/Javascript
- · Built fullstack battery simulator with PythonFlask, SocketIO, and VueJS
- Created CyberTracker, an RMF based Access Application to manage cyber credentials of employees & critical systems
- Wrote bash test/maintenance scripts for THAAD missile launcher to validate critical security features

May 2019

#### Server Software Development

**Upwork Freelance Contractor** 

- Created a server application using Kotlin, ImageJ, and Jetty
- Wrote an algorithm to contrast images and identify the differences between them
- Added implementations for an Android and iOS app

Apr 2019

#### Mobile/Desktop Application Development

**Upwork Freelance Contractor** 

- · Created a companion app for WAGUN, a word based board game
- Used LibGDX and Kotlin to deploy to Desktop, iOS, and Android

Jan-Jul 2019

## Game Developer - Smart Response Lite

**BrainTrust LLC Startup** 

- Intern on an Unreal Engine Game
- Created Level Sequences and Blueprint Logic
- Git management for medium-sized team with AWS CodeCommit

Feb 2018

### HyperCTF Cybersecurity Competition

3rd Place

Sep 2019 PicoCTF Cybersecurity Competition

Placed Top 5% internationally

2018-2019

CyberPatriot Platinum 3rd Place TN Airforce Association Cyber Defense Competition

2016-2018 Game Design Competition

TN Technology Student Association

- Created "Opposites Attract," a Unity soccer dating simulator
- Programmed dialogue trees and decision structures with C#
- Created "Color Conquest," a java puzzle platformer

Summer 2016

#### Created PHP Forum Tutorial Series

- · Produced over 30 free videos
- Taught the fundamentals of PHP programming
- · Built a basic, functional forum
- Taught MySQL & relational databases

Education

#### University of Memphis / B.S. Computer Science

Graduation 2023

- Data Structures
- Information Assurance
- National Federation of the Blind Scholarship