

Jonathan Turner

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EDUCATION

KENNESAW STATE (KSU)

B.S. IN COMPUTER SCIENCE
CONCENTRATION IN ARTIFICIAL
INTELLIGENCE

May 2025 | Kennesaw, GA

GPA: 3.8

SKILLS

PROGRAMMING

4+ years – Java • Python

3+ years – HTML • VueJS

1+ years – Matlab • R • C#

TECHNOLOGY

Docker • Docker Compose

PyTorch • OpenCV • YOLO

MySQL • MariaDB

TOOLS

Git / GitHub • JetBrains Suite

VS Code • Script Automation

JUnit • RegEx • Virtualization

COURSEWORK

Artificial Intelligence

Machine Vision

Deep Learning

Natural Language Processing

SOCIALS

LinkedIn: **LTurnerJonathan**

GitHub: **JonathanLTurner03**

Portfolio: **www.atlantissrv.com**

EXPERIENCE

WYZANT

UNDERGRADUATE COMPUTER SCIENCE TUTOR

August 2024 – Present

Holly Springs, GA

- Tutor students in coursework including Machine Learning, Algorithms & Data Structures, Operating Systems, and Computer Organization & Architecture.
- Manage client relationships and scheduling, maintaining a five-star profile.

GEEK SQUAD

CONSULTATION & ADVANCED REPAIR AGENT

April 2021 – Present

Kennesaw, GA

- Diagnose and resolve technical hardware and software problems utilizing learned troubleshooting techniques and specialty software.
- Conduct in-depth consultations with customers experiencing technological challenges, actively listening to understand their needs, frustrations, and goals.
- Provide consistent and accurate communication and documentation to internal staff and customers.

PROJECTS

ICARUSEYE

MACHINE VISION PROJECT

Aug 2024 – Present

Real-time Drone Object Detection

- Develop IcarusEye, a real-time object detection and tracking application that leverages a custom YOLOv8s model trained on the Visdrone2019-DET dataset and integrates ByteTrack for robust performance.
- Implement dynamic features including live control of confidence thresholds, model swapping, class omission, and FPS adjustments, enhancing customization and real-time responsiveness.
- Optimize the application for edge device deployment, ensuring efficient resource management and reliable performance in varied operational environments regardless of drone capabilities.

GSO WEBSITE UNIFICATION

CAPSTONE PROJECT

Jan 2025 – May 2025

Lead Designer & Developer

- Collaborated with a team to develop a proof-of-concept website consolidation project for the Georgia Symphony Orchestra, unifying multiple domains into a single, cohesive platform.
- Designed and implemented custom WordPress themes, plugins, and API hooks to integrate the ticketing system more effectively and enhance overall site functionality.
- Leveraged modern web design practices and responsive development techniques to ensure an optimal user experience and consistent brand identity.