

Open Source Contribution Report

Repository

Name: All-In-One-Python-Projects

Student: Lonzo Hamilton Jr.

Date: September 21, 2025

Full Commit History

The complete commit history for this repository has been saved to the file:

commit-history.txt

Most Important Commit

- **Full SHA:** 31f0ef748f386c1cdd1e747f03d74631f5b4627b
- **Author:** ZODAGOATFR lonzojr7@gmail.com
- **Date:** 2025-09-21 01:22:18 -0500
- **Title/Message:** Fixed Headlight Detection Program

Why This Commit Is Important

This commit represents my most significant contribution to the repository.

I debugged and fixed the **Headlight Detection Program**, which was previously not functioning correctly.

Key Contributions:

- Refactored **Headlight Detection/headlightDetection.py**
→ 111 insertions, 27 deletions to improve stability and accuracy.
- Generated new working processed image outputs:
 - Car Headlight_blur.png
 - Car Headlight_contours.png
 - Car Headlight_gray.png
 - Car Headlight_thresh.png
- Ensured compatibility on **macOS** and confirmed that the program now runs end-to-end without errors.

Impact

This fix was critical because it turned a broken feature into a working one. The headlight detection program now correctly processes input images, outputs usable visual results, and provides a foundation for future improvements. This contribution directly improved the functionality and reliability of the project.

Appendix

Please see the attached file **commit-history.txt** for the complete commit log of the repository.