

Code can be found at: <https://github.com/daniel360kim/OceanAI>

All code is within the “[software](#)” folder of the repository.

Build instructions and dependencies can be found here:

<https://github.com/daniel360kim/OceanAI/blob/master/README.md>

“[Software](#)” folder directory guide:

Folder Name	Description	Language(s)	Lines
<a href="#">ETL</a>	Converts CSV data to hardware-in-the-loop data used by the AUV	C++	158
<a href="#">JsonParser</a>	Converts JSON data logged by the AUV to CSV format	C++	161
<a href="#">auv_gui</a>	Graphical user interface used to control the AUV	Typescript, Javascript	2803
<a href="#">detection_model</a>	Machine learning model that infers the footage collected by the AUV for trash	Python	295
<a href="#">sub_driver</a>	Software that runs on the AUV microcontroller	C++, C	13000