

B. Liam Rethore

bliamrethore@gmail.com | [linkedin.com/in/bliamrethore/](https://www.linkedin.com/in/bliamrethore/)

Experience**MD.ai** | Data Set Annotator, Intern

Collaborated alongside a radiologist to train artificial intelligence to properly read between abnormal and normal spleen, kidney, and liver by marking over 200 cases into appropriate data sets.

May 2018 – Aug 2018

Harmon Sensors | Technical Assistant, Intern

Assembled and soldered 30 PCBs for use inside highly accurate laser pyrometers used to detect temperatures inside industrial furnaces.

Performed quality and performance tests on 5 laser pyrometers, specifically analyzing output signals and accuracy using an oscilloscope and voltmeter, to ensure all devices were at least 95% accurate compared to the baseline.

May 2017 – Aug 2017

Coding Projects**Sorting Algorithm Visualizer** | Personal Project

Designed a React based webpage to visualizer Merge sort, Bubble sort, Quick sort, and Shell sort to develop a stronger understanding on fundamental algorithms and data structures.

May 2020

Malloc and Free Memory Allocator | School Project

Implemented a worst fit memory allocation system in C, which was capable of coalescing empty blocks of memory in order to maximize usable space.

Employed and adapted extensive testbench with over 20 unique tests, in order to see if all edge cases were properly handled by my software solution.

Mar 2019

Education**The University of Pittsburgh** | BS Electrical Engineering

Minor in Computer Science, GPA 3.43

Sep 2016 – Apr 2020

Delft University of Technology

Full Semester Electrical Engineering Exchange Program

Feb 2019 – Jul 2019

Technologies

Java, JavaScript (ES6), React, Git, OOP, Data Structures, Algorithms, HTML, C, MatLab, Eagle, Assembly, VHDL

Relevant Courses

Intermediate Java, Data Structures, Algorithms and Implementations, Systems Software, Micro-Processors

Portfolio of work available at bliamrethore.com/