

# **Ian Kuk**

647 Emerald St Iowa City. Iowa 52246

**Phone:** 630-608-7341 **E-Mail:** [iankuk02@gmail.com](mailto:iankuk02@gmail.com) **GitHub:** <https://github.com/Ian-Kuk>

## **Education:**

### **Waubonsee Community College**

**May 2018 - August 2019**

- Graduated High School early so I attended a community college to obtain gen-ed credits

### **University of Iowa**

**Graduation: December 2025**

- Computer Science and Engineering, BSE, Minor in Business

## **Experience:**

### **Systems Engineer Intern Collins Aerospace: Winston-Salem, NC**

**May 2023- August 2023**

- Facilitated the testing and replacement of a faulty movement algorithm using C, and created future testing parameters.
- Modified and re-structured system block diagrams for future employee use.
- Created and tested a maintenance tool to help employees and customers alike test the function of the product.

### **Quality Engineer Intern BAE Systems: Coralville, IA**

**May 2022 - August 2022**

- Contributed to two separate six sigma green belt projects modernizing the current processes using a wide variety of software integration.
- Implemented the use of Python to parse through, retrieve, and organize specific data from 300,000+ files saving months of man hours.
- Designed an Excel macro to organize 20,000+ cell files, reducing production time by 10%.
- Spearheaded the integration of Excel Macros automating workers' tasks, maximizing daily productivity.

### **IT Management CERx Solutions: Oswego, IL**

**August 2018 - August 2020**

- Introduced Lead Engineer to new software such as Minitab to streamline data analysis.
- Collected, analyzed, and organized raw data to report to the Lead Engineer.
- Executed the research and implementation of new technology improving productivity.

## **Skills:**

C++/C

Python

Vba

GitHub

Java

Excel Proficiency

Mathematica

Soldering

Data Analysis

Matlab

Optical Microscopy

Visio Proficiency

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## **References:**

### **Collins Aerospace:**

- Cesar Gomez(Manager): (336)-745-7410
- Justin Keaton(Systems Engineer/Project Lead) (336)-596-9671

### **CERx Solutions:**

- Michael(Lead Engineer): (630)-631-9483

### **BAE Systems:**

- Emmett Frauenkron (Quality Manager): (319)-270-1681
- Owen Blake (Quality Engineer/Project Lead): (563)-260-1625
- Jose Vasquez (Quality Engineer/Project Lead): (617)-987-1352