

Ian Kuk

647 Emerald St Iowa City. Iowa 52246

Phone: 630-608-7341 E-Mail: 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: Fall 2024

- 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