

Ivana Anick Louis

200 Oak Ridge Circle
Mount Airy, NC 27030

C: (561)-758-4268
ivanalouis@gmail.com

Objective To pursue a career that will allow me to utilize my knowledge and skills in the field of computer science.

Education *Bachelor of Science Degree in Computer Science.*
Minor in Mathematics
Purdue University Indianapolis 2016-2021

High School Diploma
Royal Palm Beach High School, West Palm Beach, Florida. 2012-2016

Professional Experience

National Security Innovation Network X-Force Fellowship Program
June 1st, 2020 – August 14th, 2020

- Worked with the Naval Surface Warfare Center in Crane, Indiana to create a program that sped up adding new high pin count devices to printed circuit boards.
- Translated files from Python to MATLAB
- Streamlined and optimized MATLAB code
- Utilized Object Oriented Programming
- Created a user-friendly GUI with image processing
- Wrote the user manual to the program
- Worked in a team with other IT specialists

Young Men's Christian Association
Before and After School Care Activity Lead
September 9th, 2019 – December 18th, 2020

- Ensure the health, safety and well-being of children in the program by providing close supervision of all activities.
- Plan activities and events that are exciting, challenging and values based.
- Worked cooperatively with professional staff, counselors and other departments.
- Create and maintain daily lesson plans and attendance.
- Assist children with homework and guide students in academic growth.
- Communicate with families, on a weekly basis, about their children's strengths and areas needing attention.

Relevant Coursework

Analytic Geometry and Calculus I	2018
Analytic Geometry and Calculus II	2018
Multidimensional Mathematics	2018
Introduction to Programming Concepts	2018
Written Communication in Science and Industry	2019
Multivariate Calculus	2019
Introduction to Statistics	2019
Computing I	2019
Computing II	2019
Discrete Computational Structures	2019

Introduction to Client-Side Web Programming	2019
Fundamentals of Software Project Management	2019
Elementary Linear Algebra	2020
Ordinary Differential Equations	2020
Architecture of Computers	2020
Data Mining	2020
Data Structures	2020
Data Science	2020
Deep Learning	2020
Computer Modeling of Epidemics	2020
Introduction to System Security	2020
Introduction to Operating Systems	2021
Database Systems (SQL)	2021
Theory of Computation and Analysis of Algorithms	2021
Advanced Database Programming, Oracle	2021

Technical Skills

Experience in R Studio, C/C++, Python, MATLAB, HTML5, CSS, JavaScript, Java, SQL, PL/SQL

Certifications

Microsoft Office Professional	2014
-------------------------------	------

References

Mike Dodd
USMC Ret
University Program Director, Indiana University
National Security Innovation Network
U.S. Department of Defense
Phone: 212-729-6959
E-Mail: mdodd@nsin.us

Aaron M. Williams
Engineer
Naval Surface Warfare Center, Crane Division
U.S. Department of Defense
E-Mail: aaron.williams4@navy.mil