EZRA SKOOG

(910) · 850 · 7049 ◇ ezraskoog@yahoo.com ◇ https://github.com/Ezra1285 ◇ www.linkedin.com/in/ezra-skoog

EDUCATION

Montana State University Graduation Date: May 2024
BS.in Computer Science *Overall GPA: 3.7*

Related Courses: Calculus I & II, Data structures and algorithms I & II, Embedded Systems, Web Design, Robotic Vision, Computer Security, Networks, Database Systems, Programming with c, Software Engineering, System Administration, Discrete Structures, Compilers, and Linear Algebra.

WORK EXPERIENCE

Ascent Vision Technologies June 2022 - Present
Software Engineering Intern *Belgrade, MT*

-Worked with our Production team to fully automate the setup process of our passive radar systems using a Raspberry Pi.

-Created an automated test cycler in order to find a rare bug case in our gyro-stabilized camera EO lenses and video stream.

-Developed an algorithm to detect and correct dead pixels through an IR lens.

-Helped with implementing new front-end features for the gimbals GUI.

-Assisted with developing and testing unit/regression tests for new software releases.

Foundant Technologies November 2021 - May2022
Client Service Intern *Bozeman, MT*

-Identified customer needs through active listening techniques to help build a relationship with the customer.

-Continuously gained product knowledge through discussing difficult problems and keeping up to date with new releases.

-Demonstrated the ability to think and act quickly in dynamic situations.

PROJECTS

Inventory Management System April 2022

github.com/InventoryManagement

· Worked with a team using the SCRUM development process to complete a sprint.
· Created and utilized UML 2.0 models, including uses cases, class diagrams, activity diagrams, and sequence diagrams.
· Implemented various design patterns such as the singleton and observer pattern.

Educational Cryptocurrency Website November 2021

github.com/Crypto

· Gained knowledge of a complex technology and then presented that information in a way that anyone can understand.
· Utilized flexbox and grid models to acquire a better understanding of website design.

TECHNICAL SKILLS

Languages	Python, C/C++, Java, HTML/CSS, LaTex
Tools	Microprocessors, Ubuntu, Git, Wire-shark, FLTK C++, VMware