RYAN HOVESKELAND

TECHNOLOGY PROFESSIONAL

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SUMMARY

Tech professional with a passion for creating and optimizing tech-based solutions to problems no matter the context. With varied experience from a range of fields, I've developed a keen sense for understanding systems and decomposing requirements in order to implement efficient solutions to any problem I'm presented with. Tech is both my profession and my hobby, and I'm constantly learning and improving.

TECHNICAL SKILLS

DSA	Polarion ALM	JUnit Testing	Microsoft Office
Office Automation	Python, C#, C++, Java, VBA	GUI Programming	Windows
UML / SysML	Git, SVN	Requirement Decomposition	Linux / Unix-Based OS's

PROFESSIONAL EXPERIENCE

Staff Quality Tech, Collins Aerospace   Jamestown, ND   **Nov 2024 - Present**
- Automated reporting of QMS metrics using Python, C# and VBA
- Developed QMS data visualization for audits using Python, C#, VBA, Sqlite, C++, and Go
- Developed, and created thorough documentation for, 5+ software tools that are regularly used
- Led a team of engineers to overhaul our QMS using Polarion ALM in a CORE event

Assembly Inspector I, Collins Aerospace   Jamestown, ND   **Feb 2024 - Nov 2024**
- Developed a tool to extract QN data from SAP with a GUI using Python
- Used a VL-700 scanner to assist Precision Inspection and developed process optimization tools using PowerShell to reduce process time by >60%

Assembler/Installer, Boeing   Everett, WA   **July 2023 - Feb 2024**
- Followed documentation and specifications to prepare and perform final assembly on 777F aircraft

English for Science, Math and Tech Instructor   Khon Kaen, Thailand   **Oct 2018 - May 2023**
- Created a web based GUI and SQLite database for maintaining and recording student grades
- Automatically performed grading, testing, and homework using Google office suite and Python

Manager Trainee, Great Floors   **Oct 2018 - May 2023**

EDUCATION

B.S. in Computer Science, Software Engineering   **2024 - 2026**   **GPA: 4.0**
Southern New Hampshire University
- Coursework includes Java, C++ and Python; DSA, Software Quality, System Analysis & Design

B.A. in Chinese Language & East Asian Studies   **2014 - 2018**   **GPA: 3.68**
Western Washington University
- Double major in Chinese Language and East Asian Studies; Minor in Business Administration

ADDITIONAL INFORMATION

- **Languages:** English, Thai, Mandarin.
- **Certifications:** Data Analytics Professional Certificate (Google via Coursera, 2022), CS50x (Harvardx via EdX, 2023), boot.dev Mage level (2025), AI/ML Practitioner (CATU, 2025)
- **Awards/Activities:** Collins Systems QMS Alignment CORE Event (July, 2025)
- **Projects:** CMM to Net-Inspect (Feb, 2025 - Python), QMS Health Report (March, 2025 - Python), Doc Dependency Tree *[Multiple Implementations]* (April, 2025 - C++/C#/Python/Go), PI DB Cleaner (Feb, 2025 - VBA/Python), Scanner Automation Utilities (Nov, 2024 - PowerShell), Gradebook Maker (Feb, 2023 - Python, SQLite, Javascript)